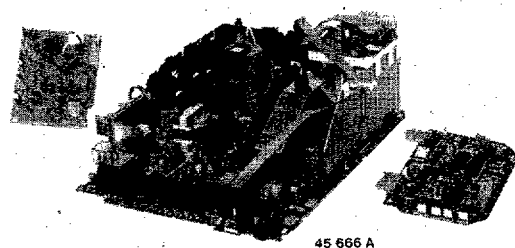


Service
Service
Service



45 666 A

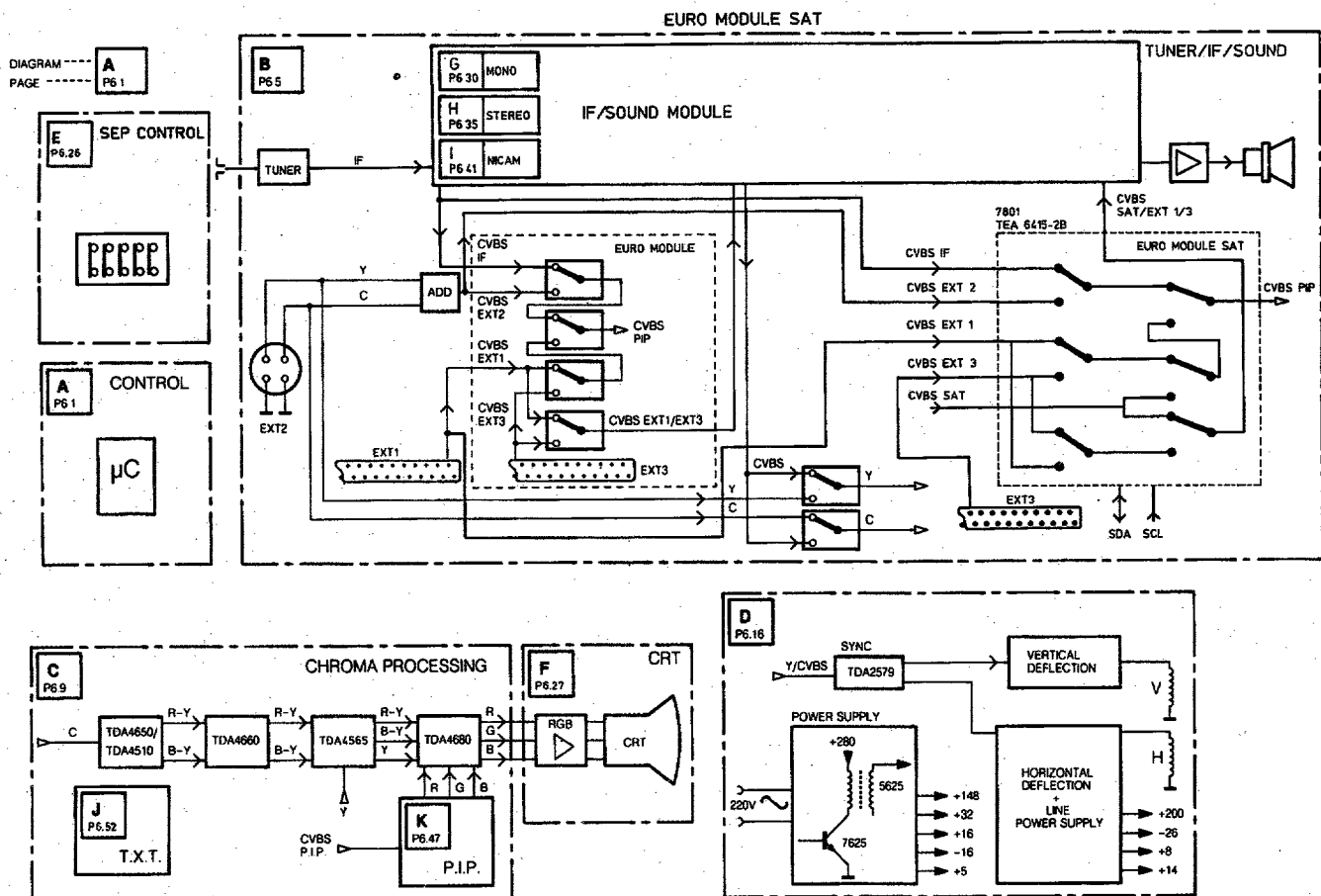
Service Manual

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Block diagram



Technical specification

| | |
|--|------------------------------|
| Mains voltage | : 220 - 240 V ($\pm 10\%$) |
| Mains frequency | : 50 Hz ($\pm 10\%$) |
| Aerial input impedance | : 75 Ω - coax |
| Minimum aerial voltage | : 40 μ V |
| Maximum aerial voltage | : 32mV |
| Pull-in range colour synchronization | : ± 300 Hz |
| Pull-in range horizontal synchronization | : ± 300 Hz |

Local operation functions:

P +; P -; \triangle +; \triangle -; install

Programmes: 0-59

VCR operation on programmes: 0-59

Indications:

- On Screen Display (OSD)
- LED:
 - standby (red)
 - operation (green)
 - RC5 reception (flashing yellow)
 - internal fault in μ P (flashing)

Errata

| DIAGRAM: SCHALTBILD: | LOCATION: POSITION: | CORRECTION: KORREKTUR: | |
|--|--------------------------------|---|--|
| (Page/ Seite): | | Present situation: Vorliegende Situation: | Corrected situation: Korrekte Situation: |
| B (6.6) | C20 | Item number R3386 Positionsnummer R3386 | Item number R3886 Positionsnummer R3886 |
| B (6.7) | O24 | Connecting line reference E58 Verbindungsleitung Ref. E58 | Connecting line reference D58 Verbindungsleitung Ref. D58 |
| B (6.6) | B14 | Connecting line reference A21 Verbindungsleitung Ref. A21 | Connecting line reference D21 Verbindungsleitung Ref. D21 |
| C (6.11) | K24 | C2366 | Delete C2366 C2366 entfernen |
| C (6.11) | N15 N16 | Circuitry with TS7372 Circuitry with TS7374 Schaltung mit TS7322 Schaltung mit TS7374 | Delete R3394, TS7372 and short circuit e-c TS7372 Delete R3395, TS7374 and short circuit e-c TS7374 R3394, TS7372 entfernen und Stromkreis e-c TS7372 kurzschließen R3305, TS7374 entfernen und Stromkreis e-c TS7374 kurzschließen |
| D (6.17) | E17 | | Add R3537 100kΩ (4822 116 52234) in series with R3539 R3537 100kΩ (4822 116 52234) in Reihe mit R3539 schalten |
| D (6.16) | A2 | Connecting line reference B40 Verbindungsleitung Ref. B40 | Connecting line reference B21 Verbindungsleitung Ref. B21 |
| F (6.27/6.28) | D10 | cD6301 connected to cTS7305 cD6331 connected to cTS7335 cD6361 connected to cTS7356 cD6302 verbunden mit cTS7305 cD6331 verbunden mit cTS7335 cD6361 verbunden mit cTS7356 | cD6301 connected to bTS7305 cD6331 connected to bTS7335 cD6361 connected to bTS7356 cD6301 verbunden mit bTS7305 cD6331 verbunden mit bTS7335 cD6361 verbunden mit bTS7356 |
| PWB mono carrier/Leiterplatte Mono-träger (6.20) | F2 | S5561 | S5661 |
| Spare parts list/ Stückliste (10.4) | | 6648-4822 130 34488-BZX79/F12 | 6648-4822 130 34197-BZX79/B12 |

Electrical adjustments/Electrische Abgleicharbeiten

Adapted Vg2, white drive, white limiter and cut-off settings: see service information GR2.2 93.02
 Angepaßte Einstellungen für Vg2, Weißabgleich, Weißspitzenbegrenzung und Sperrpunktgleich: siehe Service Information GR2.2 93.02

Turn page/Bitte wenden

Modifications during production/Änderungen während der Herstellung

- * Modified line output transformer T5545: see of point 1 of service information GR2.2 93.01
- * Modifizierter Zeilenausgangstransformator T5545: siehe Punkt 1 der Service-Information GR2.2 93.01

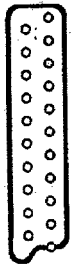
- * Modified CRT panel: see points 2 and 3 of service information GR2.2 93.01
- * Modifizierte CRT-Platine: siehe Punkt 2 und 3 der Service-Information GR2.2 93.01

- * Modified TXT module: see service information GR2.2 93.03
- * Modifiziertes Videtext-Modul: siehe Service-Information GR2.2 93.03

- * Modified IF module: see service information GR2.2 94.01
- * Modifiziertes ZF-Modul: siehe Service-Information GR2.2 94.01

1. Specification of the terminal sockets

EXT1



- 1 - Audio \oplus R ($0,5V_{RMS} \leq 1k\Omega$)
- 2 - Audio \ominus R ($0,2 - 2V_{RMS}; 0,5 V_{nom} \geq 10k\Omega$)
- 3 - Audio \oplus L ($0,5V_{RMS} \leq 1k\Omega$)
- 4 - Audio \perp
- 5 - Blue \perp
- 6 - Audio \ominus L ($0,2 - 2V_{RMS}; 0,5 V_{nom} \geq 10k\Omega$)
- 7 - Blue \ominus ($0,7V_{pp}/75\Omega$)
- 8 - RC5 \oplus ($500-800mV_{pp}$) + CVBS-Status 1 \ominus ($0-2V$: int.; $9,5-12V$: ext.)
- 9 - Green \perp
- 10 - -
- 11 - Green \ominus ($0,7V_{pp}/75\Omega$)
- 12 - -
- 13 - Red \perp
- 14 - -
- 15 - Red \ominus ($0,7V_{pp}/75\Omega$)
- 16 - RGB-Status ($0-0,4V$: int. $1-3V$ ext. 75Ω)
- 17 - CVBS \oplus \perp
- 18 - CVBS \ominus \perp
- 19 - CVBS \oplus ($1V_{pp}/75\Omega$)
- 20 - CVBS \ominus ($1V_{pp}/75\Omega$)
- 21 - Earth screen

EXT2

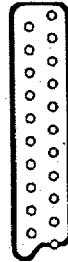


2x \odot

- 1 - \perp
- 2 - \perp
- 3 - Y \ominus ($1V_{pp}/75\Omega$)
- 4 - C \ominus ($1V_{pp}/75\Omega$)

CINCH Audio \ominus L+R ($0,2-2V_{RMS}; 0,5 V_{nom} \geq 10k\Omega$)

EXT3



- 1 - Audio \oplus R ($0,5V_{RMS}; \leq 1k\Omega$)
- 2 - Audio \ominus R ($0,2 - 2V_{RMS}; 0,5 V_{nom} \geq 10k\Omega$)
- 3 - Audio \oplus L ($0,5V_{RMS}; \leq 1k\Omega$)
- 4 - Audio \perp
- 5 - -
- 6 - Audio \ominus L ($0,2 - 2V_{RMS}; 0,5 V_{nom} \geq 10k\Omega$)
- 7 - -
- 8 - CVBS status 3 \oplus ($0-2V$: int.; $9,5-12V$: ext.)
- 9 - -
- 10 - -
- 11 - -
- 12 - -
- 13 - -
- 14 - -
- 15 - -
- 16 - -
- 17 - CVBS \oplus \perp
- 18 - CVBS \ominus \perp
- 19 - CVBS \oplus ($1V_{pp}/75\Omega$)
- 20 - CVBS \ominus ($1V_{pp}/75\Omega$)
- 21 - Earth screen

Audio out

2x \odot CINCH Audio \oplus L+R ($0,5V_{RMS}; \leq 1k\Omega$)

Front



$\geq 8\Omega$

2. Connecting equipment

Depending on the type of TV set, a variety of equipment can be connected. The exact number of pieces of equipment depends on the number of connectors on the back of the TV set (EXT1, 2 or 3). The wiring diagram in Fig. 2.1 shows which kinds of equipment can be connected. The wiring diagram shows the TV set with the maximum number of connectors possible for the GR2.2 chassis.

An RGB source (e.g. laserdisc player) can only be connected to EXT1. In order to switch the TV set to RGB operation, this RGB source must generate both a CVBS status signal at pin 8 and an RGB status signal at pin 16 of the euroconnector. It is not possible to switch the equipment to EXT1 in RGB operation using the remote control.

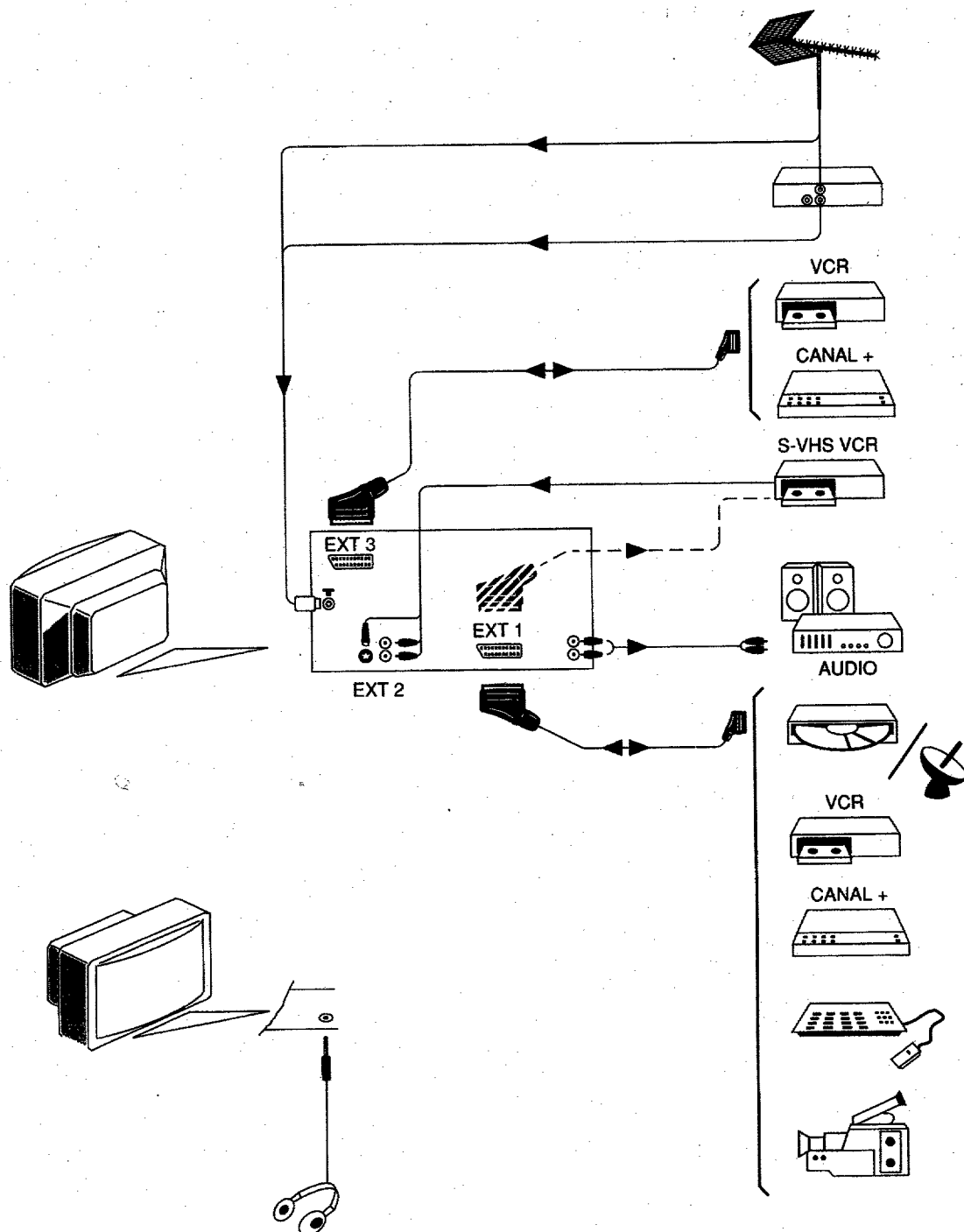


Fig. 2.1

1. Removing the back plate

It is only possible to remove the back plate after removing the screws on the top, side, possibly on the underneath and possibly under the **EXT 3 connection** (see Fig. 4.1). In the case of subwoofer units, the subwoofer speaker on the carrier panel should also be unplugged.

2. Service position 1

Service position for module service and to measure test points

Unlock the chassis after the cables of the degaussing coil and any PIP module have been disconnected, and pull it backwards until all test points are accessible (see Fig. 4.2).

In order to make the tuner and the IF/sound module accessible, the bracket above these modules can be removed (see Fig. 4.3). With the exception of one fault message, the unit continues to function normally when the PIP module is not connected.

3. Service position 2

Service position for repair

Place the chassis on the heat sink on the tuner side after service position 1 is reached (see Fig. 4.4).

Warning: make sure that the heat sink of the sound output amplifier does not form a short circuit with the raster/line heat sink if the bracket of the euromodule has been removed!

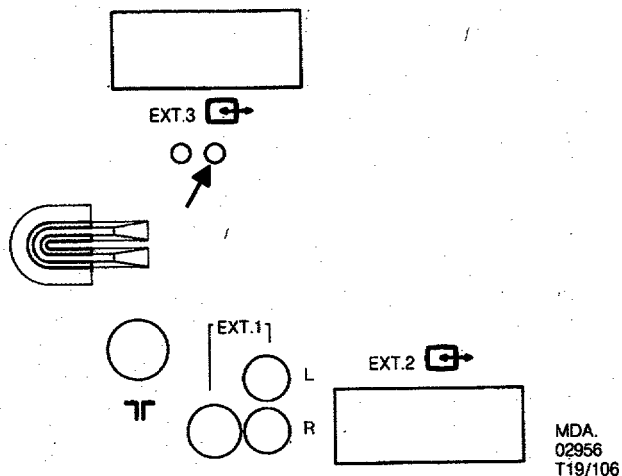


Fig. 4.1

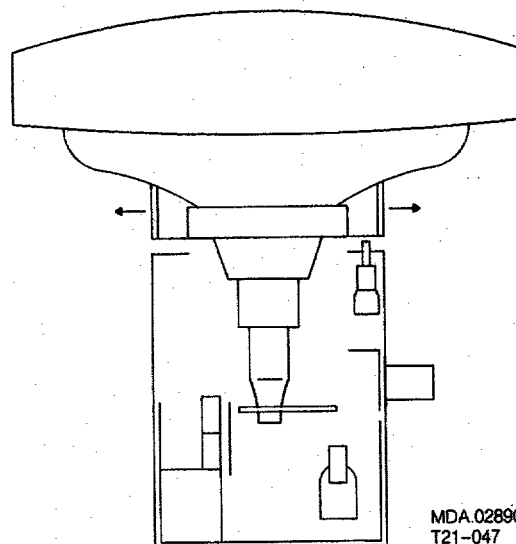


Fig. 4.2

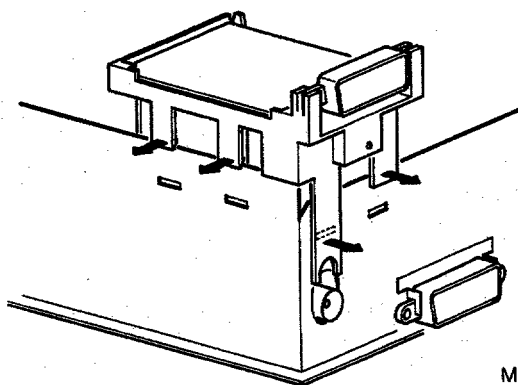


Fig. 4.3

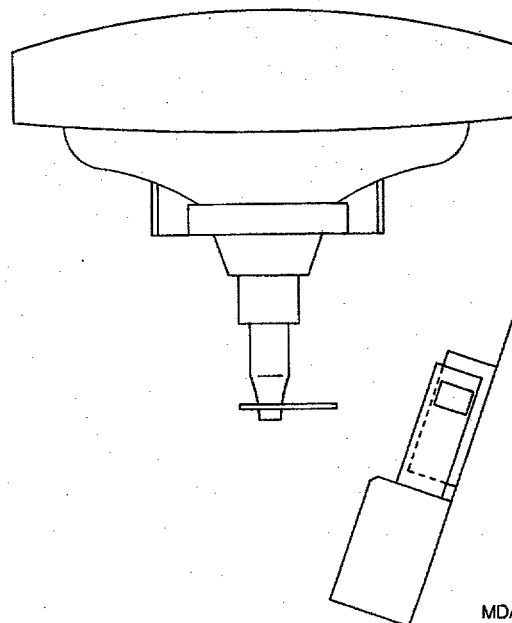




Fig. 4.4

1. Safety regulations require that the unit should be returned in its original condition and that components identical to the original components are used. The safety components are indicated by the symbol .
2. In order to prevent damage to ICs and transistors, all high-voltage flashovers must be avoided. In order to prevent damage to the picture tube, it should be discharged using the method shown in Fig.3.1. Use a high-voltage probe and a multimeter (position DC-V). Discharge until the meter reading is 0V (after approx. 30s).
3. **ESD** 
All ICs and many other semiconductors are sensitive to electrostatic discharges (ESD). Careless handling during repair can drastically shorten their life. Make sure that during repair you are connected by a pulse band with resistance to the same potential as the earth of the unit. Keep components and tools also at this same potential.
4. When repairing a unit, always connect it to the mains voltage via an isolating transformer.
5. Be careful when taking measurements in the high-voltage section and on the picture tube.
6. Never replace modules or other components while the unit is switched on.
7. It is recommended that safety goggles are worn when replacing the picture tube.
8. When making settings, use plastic rather than metal tools. This will prevent any short circuits and the danger of a circuit becoming unstable.
9. After repair the wiring should be fastened once more in the cable clamps for this purpose.
10. In order to prevent measuring errors, the heat sinks should not be used as reference points for measurements. The heat sink for the sound output amplifier (next to the channel selector) is connected to the -16 or -12 volts.
11. Together with the deflection unit and any multipole unit, the flat square picture tubes used form an integrated unit. The deflection and the multipole units are set optimally at the factory. Adjustment of this unit during repair is therefore not recommended.
12. The high-voltage cable in 21" units is glued in the line output transformer. This can therefore not be replaced.

1. The cold chassis direct voltages and oscillograms should be measured with regard to the tuner earth (\perp). Voltages on the line mains side of the SOPS transformer 5625 should be measured with respect to (\perp).
2. The direct voltages and oscillograms given in the diagrams should be measured in the service default mode (see section 9). A colour bar signal, modulated on a picture carrier wave of 475.25 MHz, should be used as the video signal. A 1 kHz signal should be used for the sound (for all systems).
3. Where necessary, the oscillograms and direct voltages are measured with (\perp) and without aerial signal (\times). Voltages in the power supply section are measured both for normal operation (\odot) and in standby (\ominus). These values are indicated by means of the appropriate symbols.
4. The picture tube PCB has printed spark gaps. Each spark gap is connected between an electrode of the picture tube and the Aquadag coating.
5. The semiconductors indicated in the circuit diagram and in the parts lists are completely interchangeable per position with the semiconductors in the unit, irrespective of the type indication on these semiconductors.
6. The connectors used for the modules (board to board) are gold-plated and should only be replaced by the same type.
7. In the case of fault finding and/or repair to the teletext module, the accessibility of the circuit and the components can be increased by using extension cards. The order numbers of these extension cards are:
* 6 times: 4822 395 30259
* 8 times: 4822 214 31402
8. Both multisystem and single system units are mentioned in this documentation. The term multisystem unit is used to refer to a unit that is suitable for the reception of PAL BGI and SECAM BGLL' systems. A multi-system set for Eastern-Europe is suitable for the reception of the PAL/SECAM BGDK systems. The term single system unit is used to refer to all other units (such as PAL BG, PAL/SECAM BG and PAL I units).
9. Blackline units can be recognized by the thick, protected high-voltage cable. Non-blackline units have a thin, unprotected high-voltage cable.

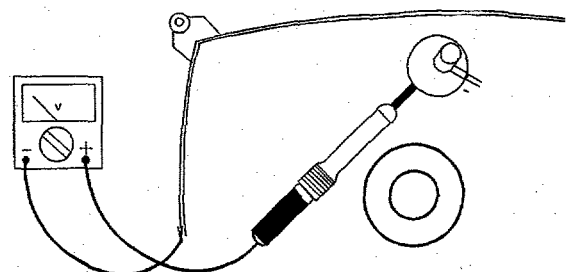
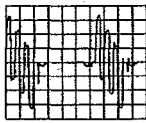
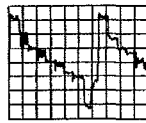


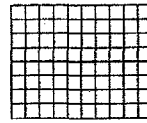
Fig. 3.1



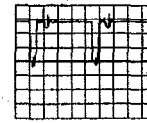
TP 1
0,2 V/div AC
20 μ S/div



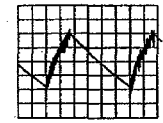
TP 8
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10 μ S/div



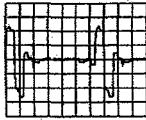
TP 14 ϕ
0,2 V/div DC
0,5 mS/div



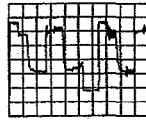
TP 21
0,5 V/div DC
5 μ S/div



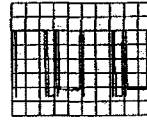
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5 mS/div



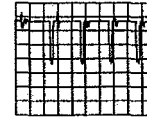
TP 2
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20 μ S/div



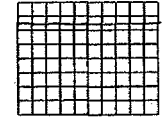
TP 9
0,5 V/div AC
10 μ S/div



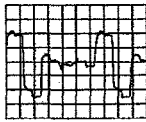
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0,2 mS/div



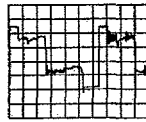
TP 21 ϕ
0,5 V/div DC
10 μ S/div



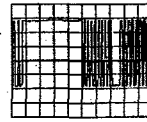
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1 V/div DC



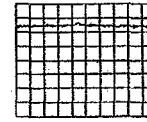
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10 μ S/div



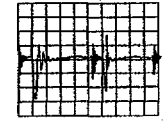
TP 10
0,5 V/div AC
10 μ S/div



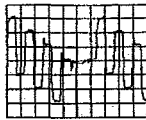
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0,1 mS/div



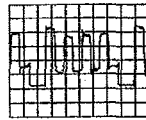
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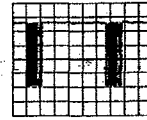
TP 27 ϕ
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10 mS/div



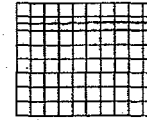
TP 4
0,2 V/div AC
10 μ S/div



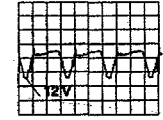
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0,5 V/div AC
10 μ S/div



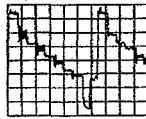
TP 17
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20 mS/div



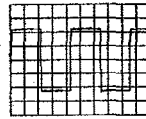
TP 23
1 V/div DC



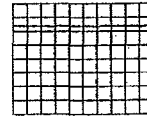
TP 28
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5 μ S/div



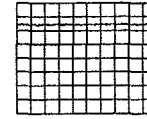
TP 5
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10 μ S/div



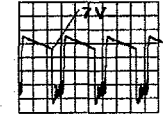
TP 12
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10 μ S/div



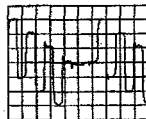
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2 V/div DC
20 mS/div



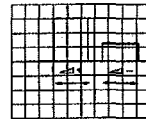
TP 24
5V/div DC



TP 28 ϕ
1 /div AC
10 mS/div



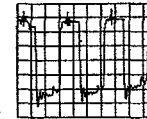
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10 μ S/div



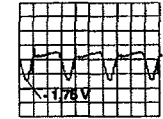
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1 S/div



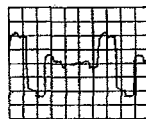
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10 μ S/div



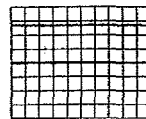
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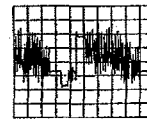
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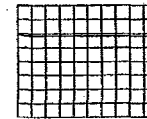
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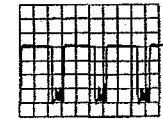
TP 14
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0,5 mS/div



TP 20
0,5 V/div AC
10 μ S/div



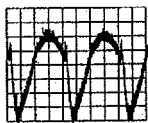
TP 26
1 V/div DC



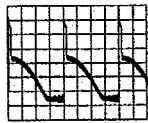
TP 29 ϕ
1 V/div AC
10 mS/div



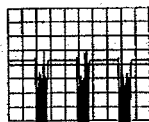
TP 30
2 V/div DC
5 μ S/div



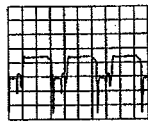
TP 36
0,2 V/div AC
5 mS/div



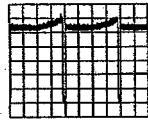
TP 41 b
5 V/div AC
5 mS/div



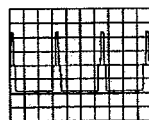
TP 30 6
1 V/div DC
10 mS/div



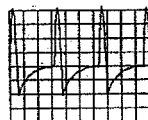
TP 37
2 V/div AC
20 μ S/div



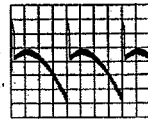
TP 41 c
0,1 V/div AC
5 mS/div



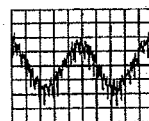
TP 31
2 V/div DC
20 μ S/div



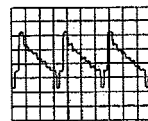
TP 38
20 mV/div AC
20 μ S/div



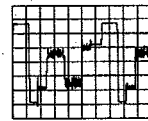
TP 41 d
5 V/div AC
5 mS/div



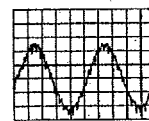
TP 32
50 mV/div DC
0,2 mS/div



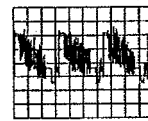
TP 39
0,2 V/div AC
20 μ S/div



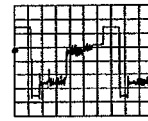
TP 51
130 V_{pp}
115 V_{pp} for 21"



TP 33
2 V/div DC
0,2 mS/div



TP 40
0,5 V/div AC
20 μ S/div



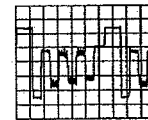
TP 52
120 V_{pp}
115 V_{pp} for 21"



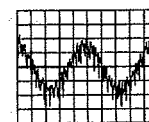
TP 34
2 V/div DC
20 μ S/div



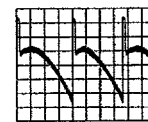
TP 41
2 V/div AC
5 mS/div



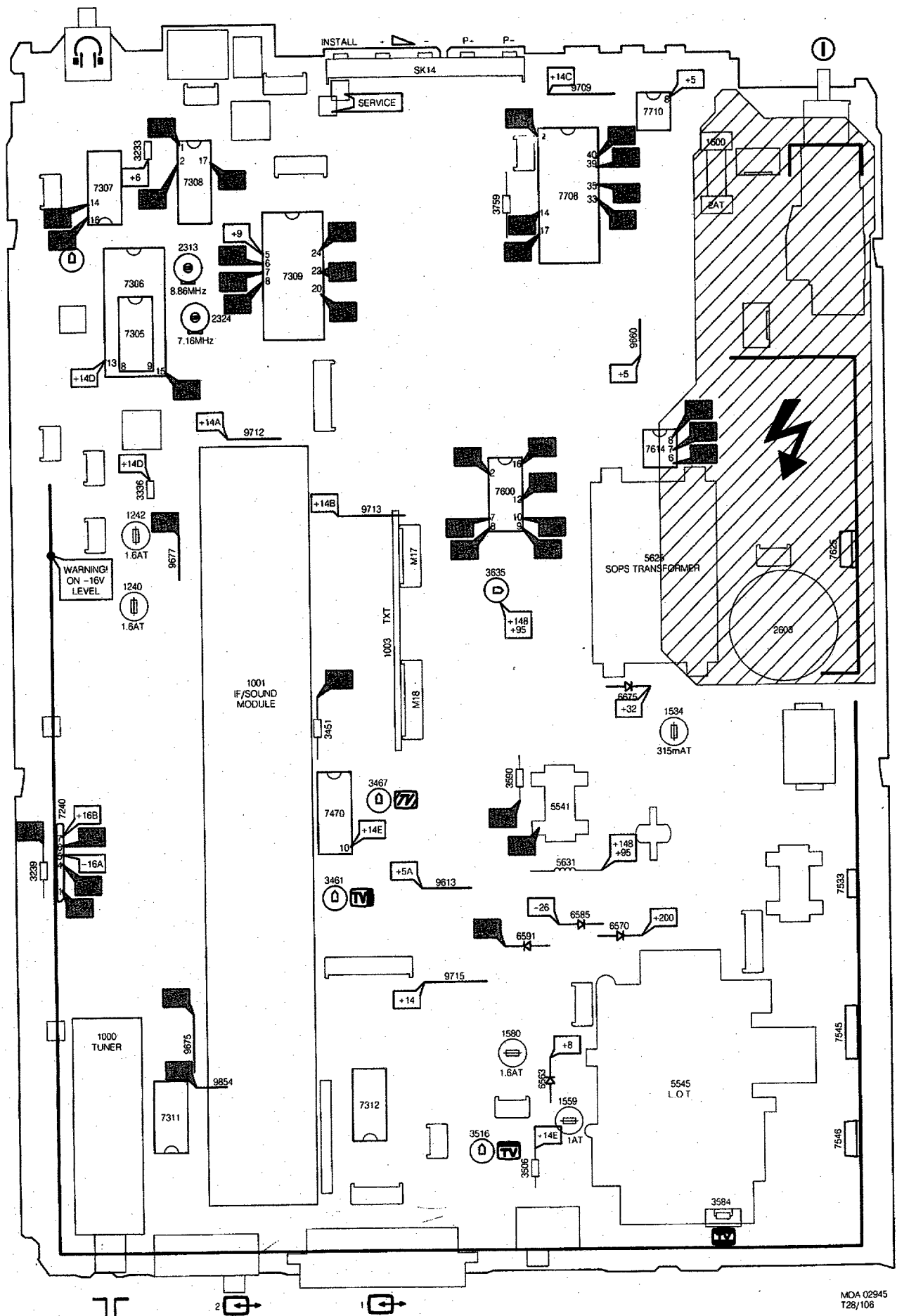
TP 53
120 V_{pp}
110 V_{pp} for 21"

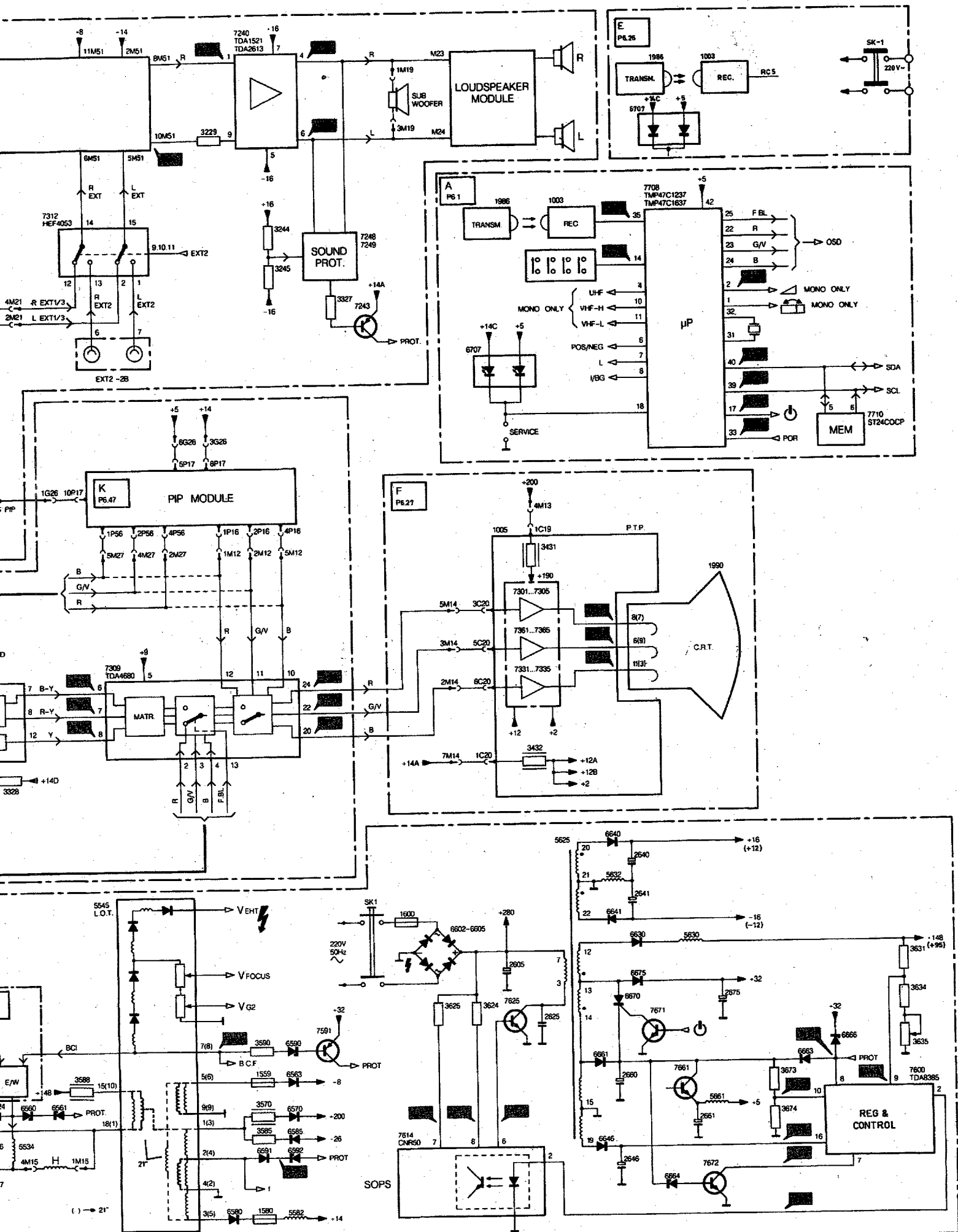


TP 35
50 mV/div DC
0,2 mS/div



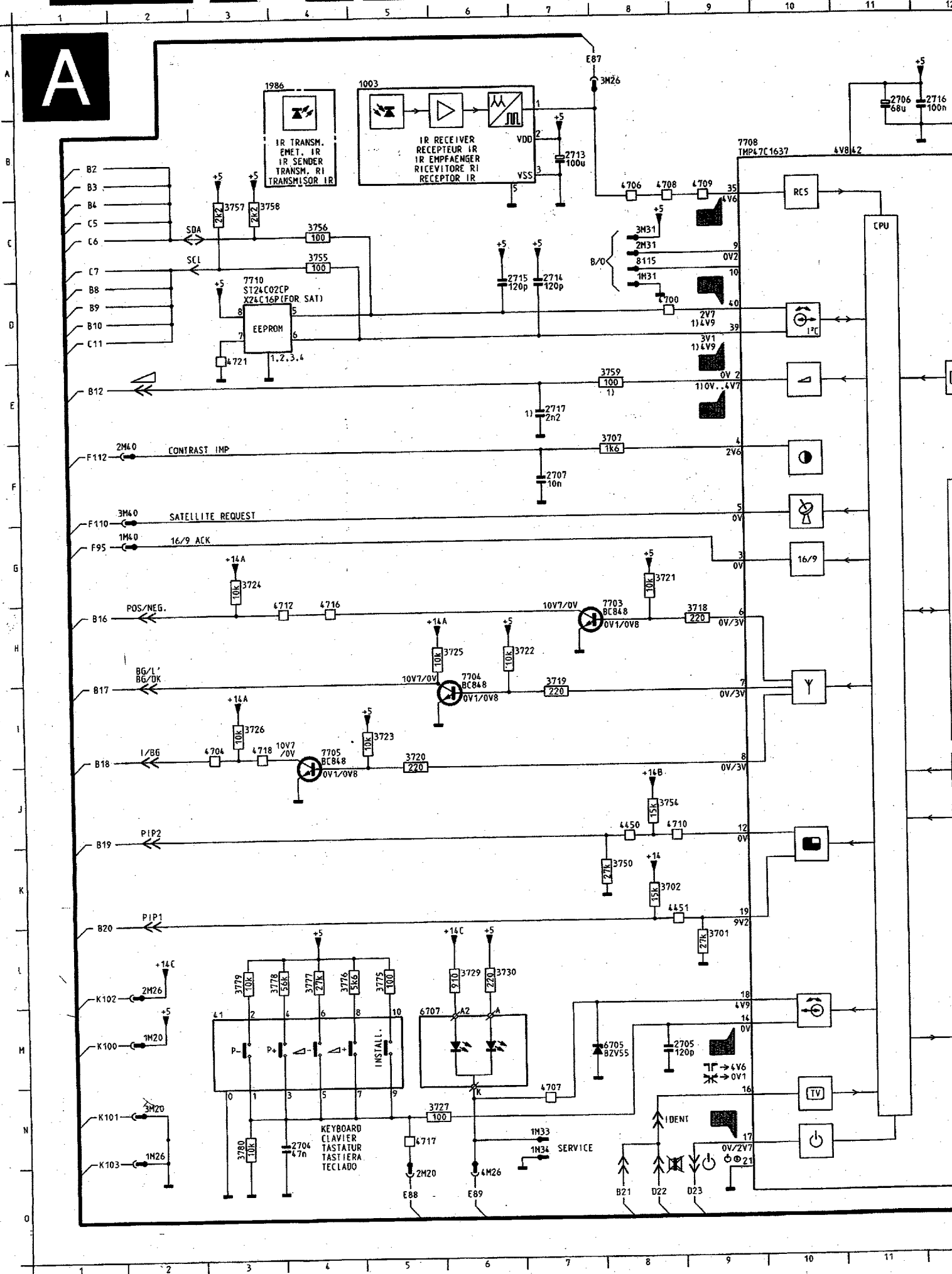
TP 41 a
5 V/div AC
5 mS/div

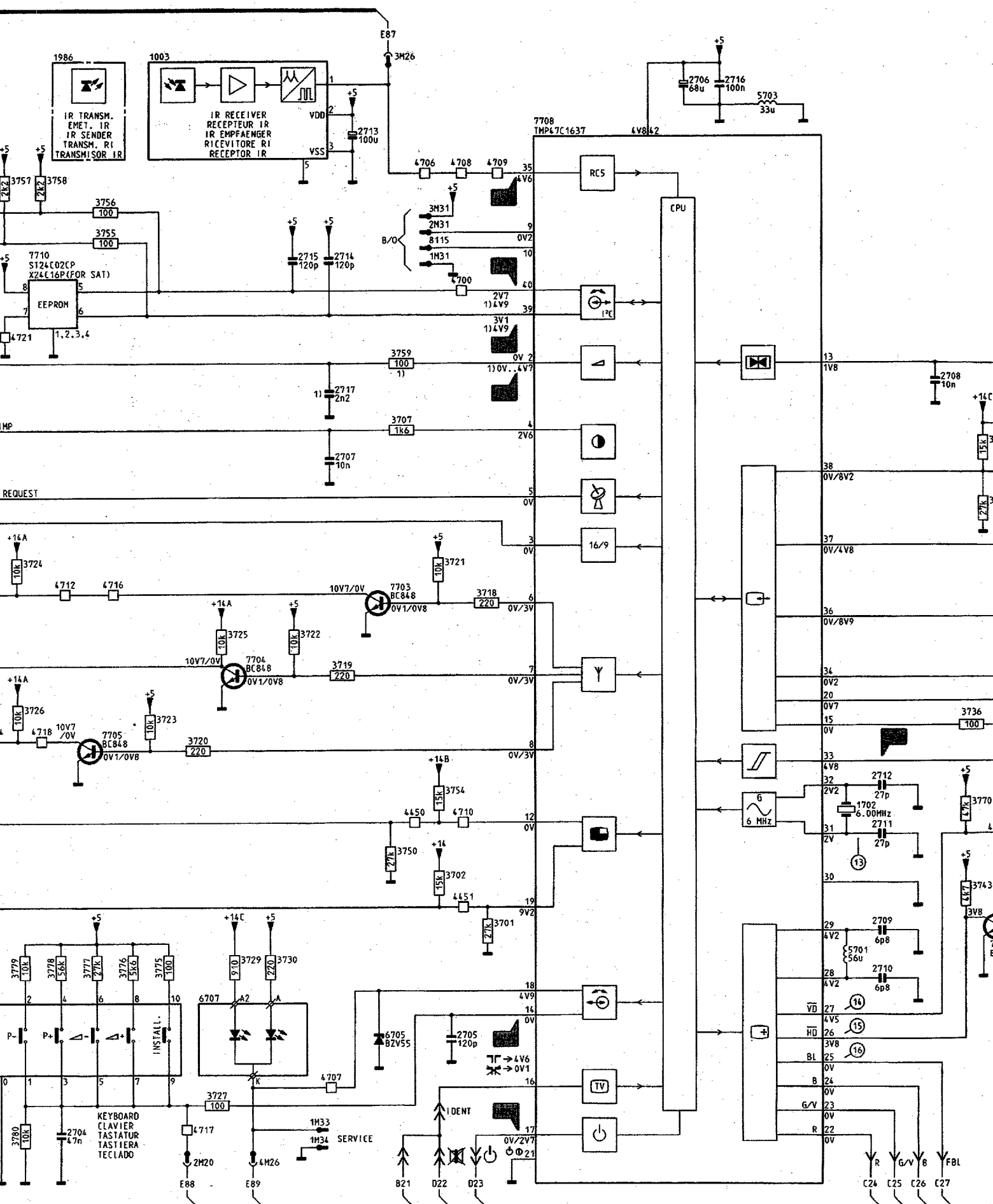


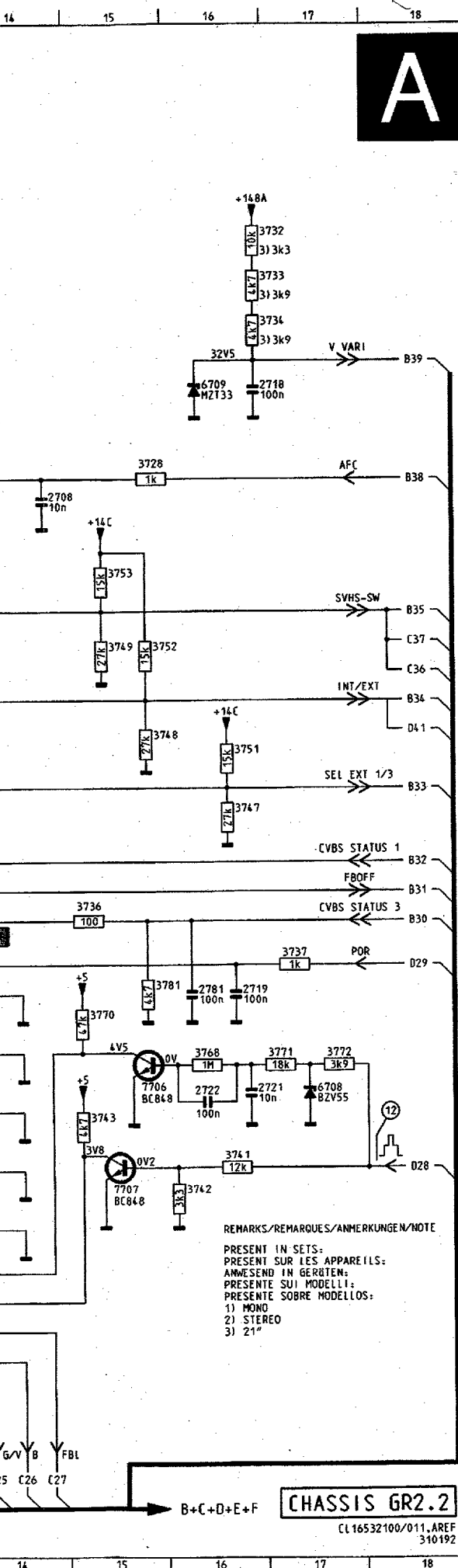




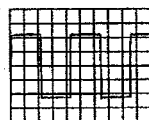
A



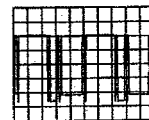




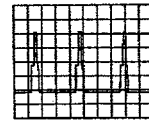
1003 A 5
1702 J13
1986 A 3
2M31 C 9
2704 N 4
2705 M 8
2706 A11
2707 F 7
2708 E14
2709 L14
2710 L14
2711 K14
2712 J14
B 2713 B 7
2714 D 7
2715 D 6
2716 A12
2717 E 7
2718 D16
2719 J16
C 2721 K16
2722 K16
2781 J16
3701 L 9
3702 K 8
3707 F 8
3718 H 9
D 3719 I 7
3720 I 5
3721 G 8
3722 H 6
3723 I 5
3724 G 3
3725 H 6
3726 I 3
E 3727 N 5
3728 E15
3729 L 6
3730 L 6
3732 B16
3733 C16
3734 C16
F 3736 I15
3737 J17
3741 L16
3742 L16
3743 K15
3747 H16
3748 G15
3749 F15
G 3750 K 8
3751 N16
3752 F15
3753 F15
3754 J 8
3755 C 4
3756 C 4
H 3757 C 3
3758 C 3
3759 E 8
3768 K16
3770 J15
3771 K17
3772 K17
3775 L 5
I 3776 L 4
3777 L 4
3778 L 3
3779 L 3
3780 N 3
3781 J15
41 M 3
J 4450 J 8
4451 K 8
4700 D 8
4704 I 3
4706 B 8
4707 N 7
4708 B 8
4709 B 9
K 4710 J 8
4712 H 4
4716 H 4
4717 N 5
4718 I 3
4721 E 3
5701 L13
L 5703 B12
6705 M 7
6707 M 5
6708 K17
6709 D16
7703 H 8
7704 I 6
7705 I 4
M 7706 K15
7707 L15
7708 B 9
7710 D 3
8115 F 9



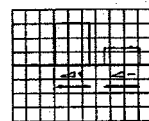
TP 12
1 V/div AC
10 μ S/div



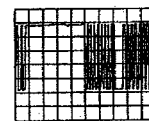
TP 15
1 V/div AC
0,2 mS/div



12
2 V/div AC
20 μ S/div



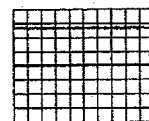
TP 13
1 V/div DC
1 S/div



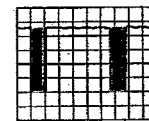
TP 16
1 V/div DC
0,1 mS/div



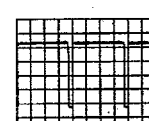
13
1 V/div AC
0,5 μ S/div



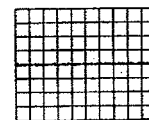
TP 14
1 V/div DC
0,5 mS/div



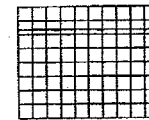
TP 17
1 V/div DC
20 mS/div



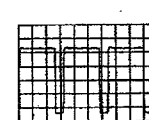
14
1 V/div AC
5 mS/div



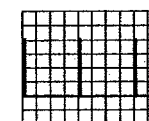
TP 14
0,2 V/div DC
0,5 mS/div



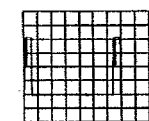
TP 18
2 V/div DC
20 mS/div



15
1 V/div AC
20 μ S/div

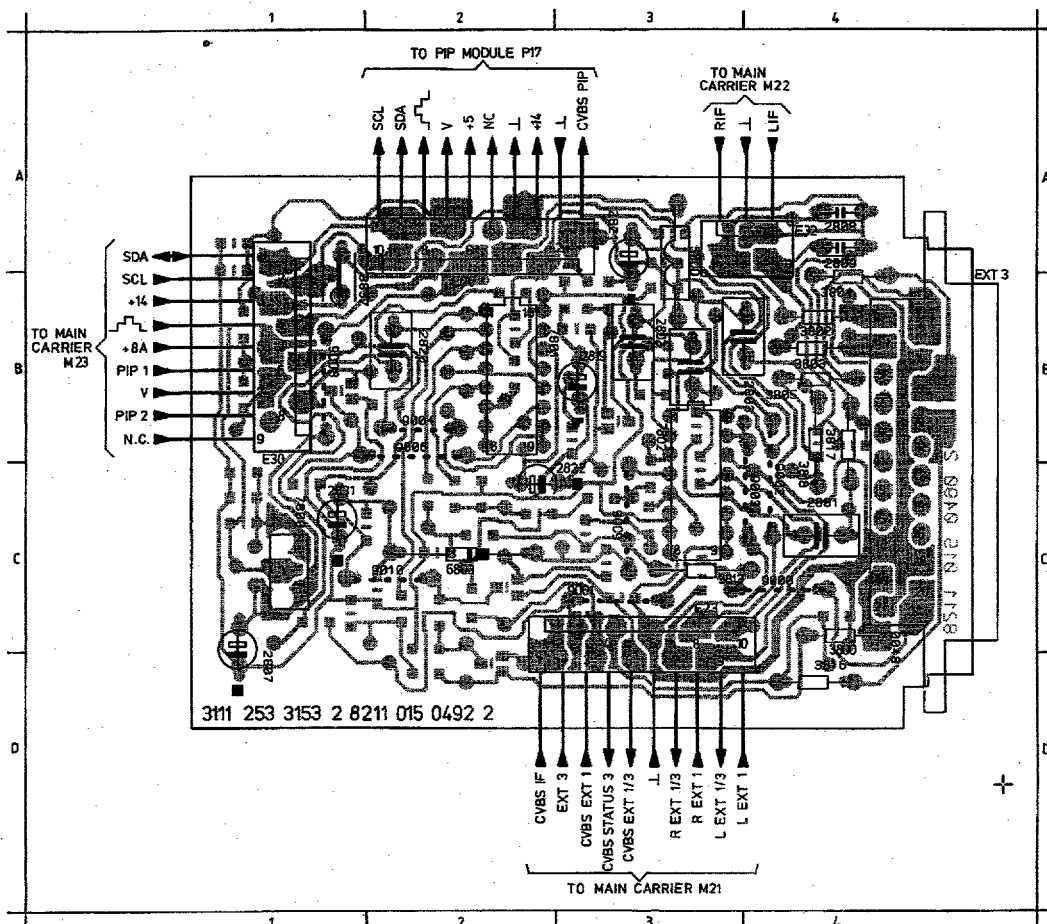


16
0,5 V/div AC
5 mS/div

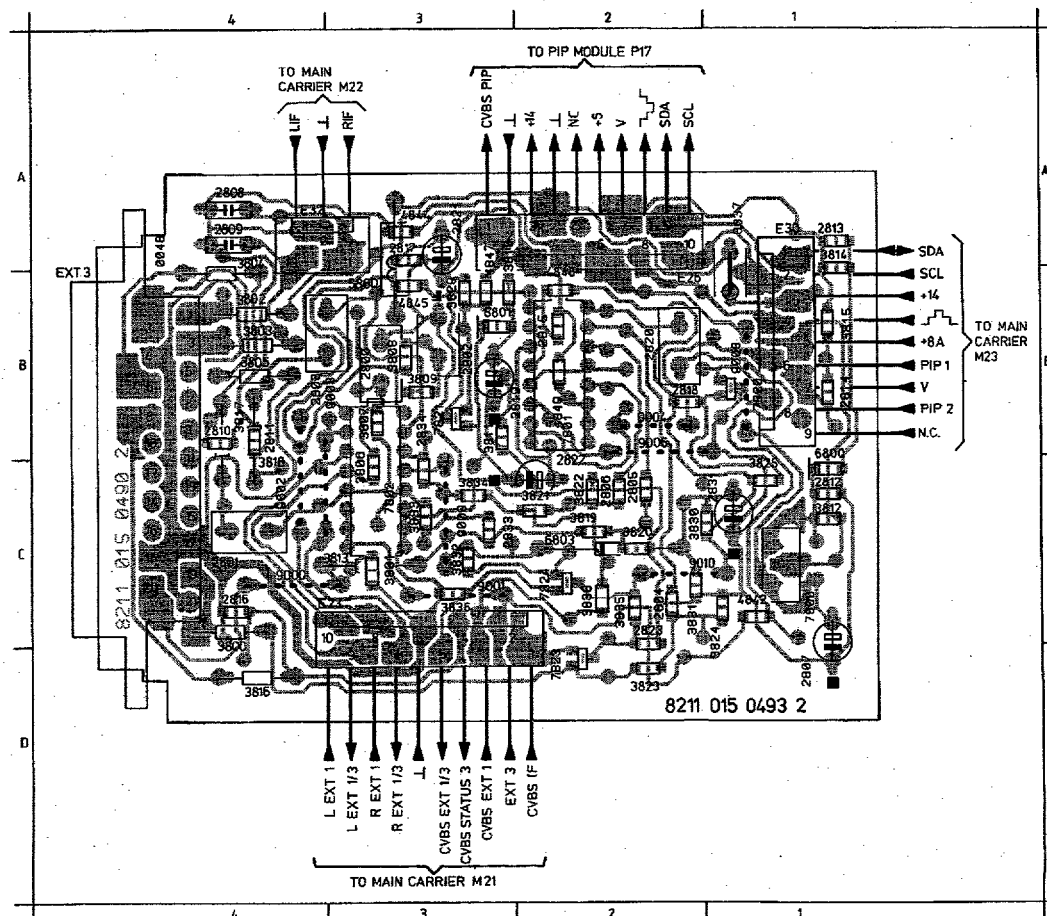


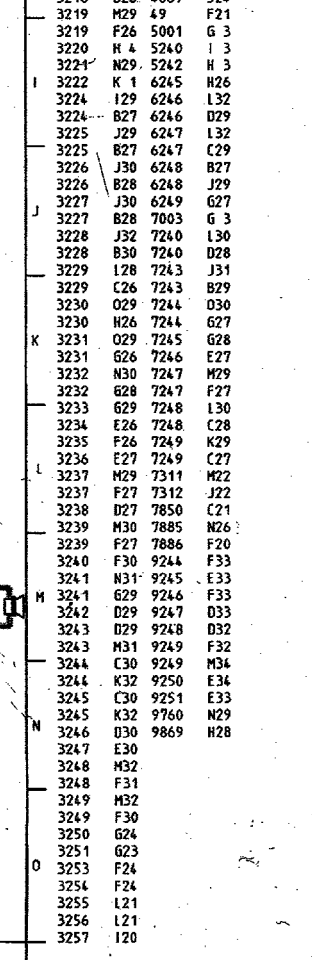
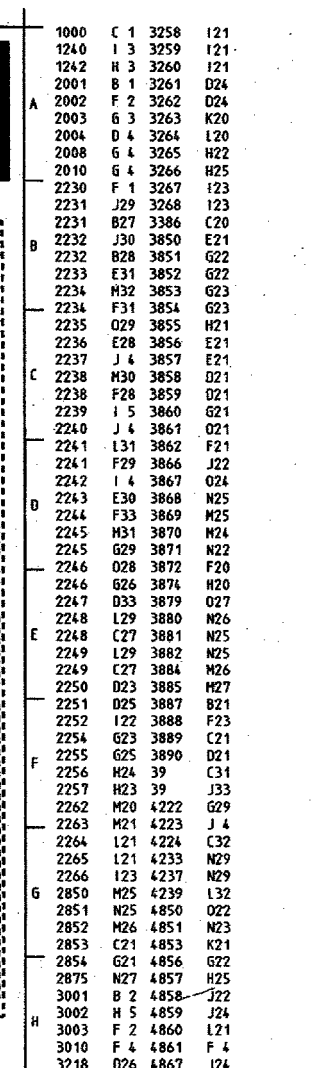
16
1 V/div AC
10 μ S/div

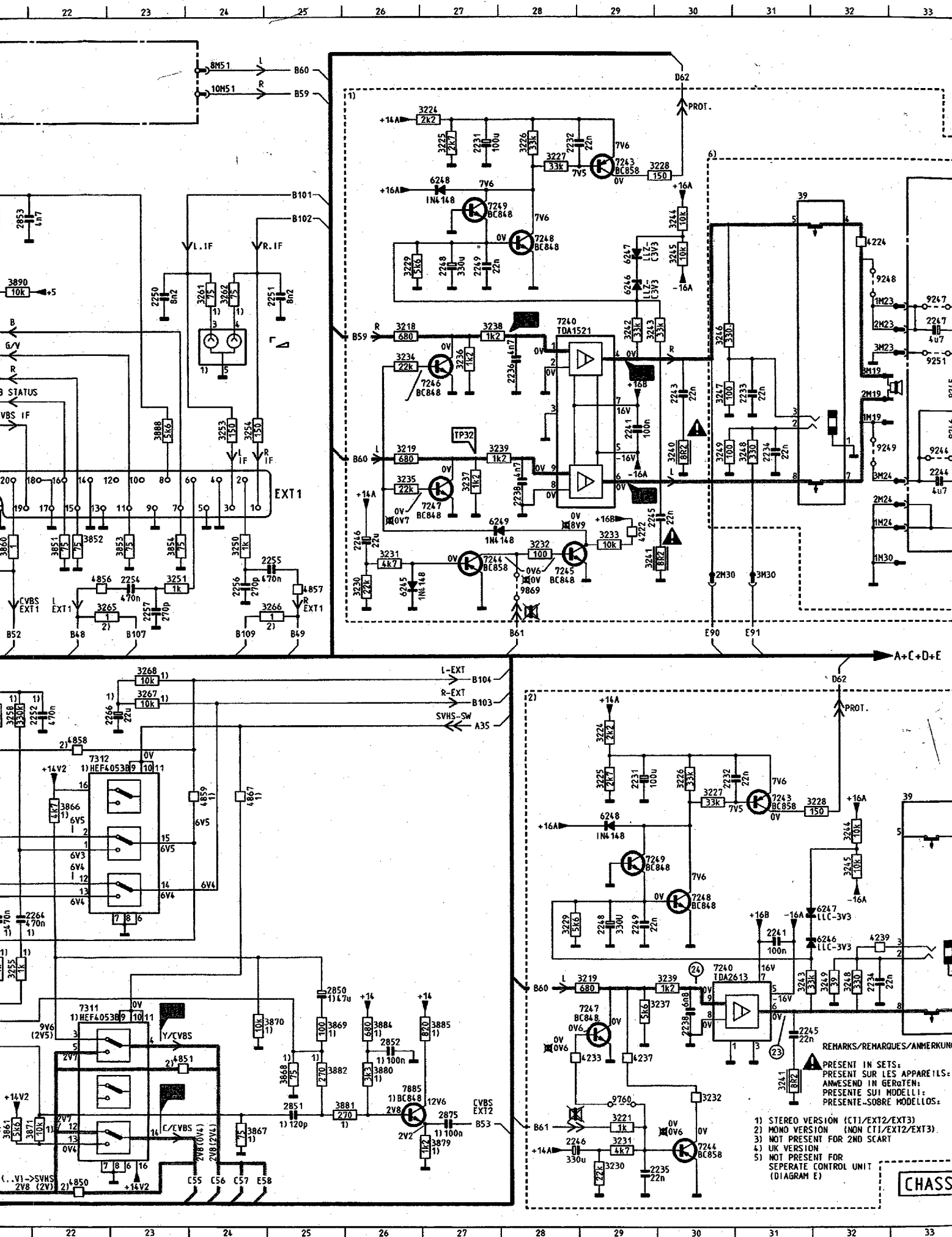
Euro module (ECO) Euro-AV-Platte (ECO) Module Prise Péri-télévision (ECO)



- E23 D3
- E26 A2
- E30 B1
- E32 A3
- 0048 C4
- 2800 B3
- 2801 C4
- 2802 B3
- 2803 B4
- 2804 D2
- 2805 C2
- 2806 C2
- 2807 D1
- 2808 A4
- 2809 B4
- 2810 C4
- 2811 C4
- 2812 C1
- 2813 B1
- 2814 B1
- 2815 B2
- 2816 D4
- 2817 B3
- 2818 C2
- 2819 B3
- 2820 B2
- 2821 B3
- 2822 C2
- 2823 D2
- 2831 C1
- 2833 C3
- 2834 C3
- 3800 D4
- 3801 C3
- 3802 B4
- 3803 B4
- 3804 B4
- 3805 B4
- 3806 C3
- 3807 C3
- 3808 B3
- 3809 B3
- 3810 B3
- 3811 C3
- 3812 C1
- 3813 C3
- 3815 B1
- 3816 D4
- 3817 C4
- 3818 C4
- 3819 C2
- 3820 C2
- 3821 C2
- 3822 C2
- 3823 D2
- 3824 D1
- 3825 C1
- 3829 B3
- 3830 C2
- 3831 C2
- 3832 C3
- 3833 C3
- 3834 C3
- 3835 D2
- 3836 D3
- 3838 D2
- 3837 B1
- 4800 A4
- 4842 D1
- 4844 B3
- 4845 B3
- 4847 B3
- 4848 B2
- 4849 B2
- 5800 B3
- 6800 C1
- 6801 B3
- 6803 C2
- 7800 C1
- 7801 B2
- 7802 C3
- 7820 B1
- 7821 C3
- 7823 D2
- 7824 C2
- 9000 C4
- 9001 D3
- 9002 C4
- 9003 C4
- 9004 C2
- 9006 C2
- 9008 B1
- 9009 C3
- 9010 C2





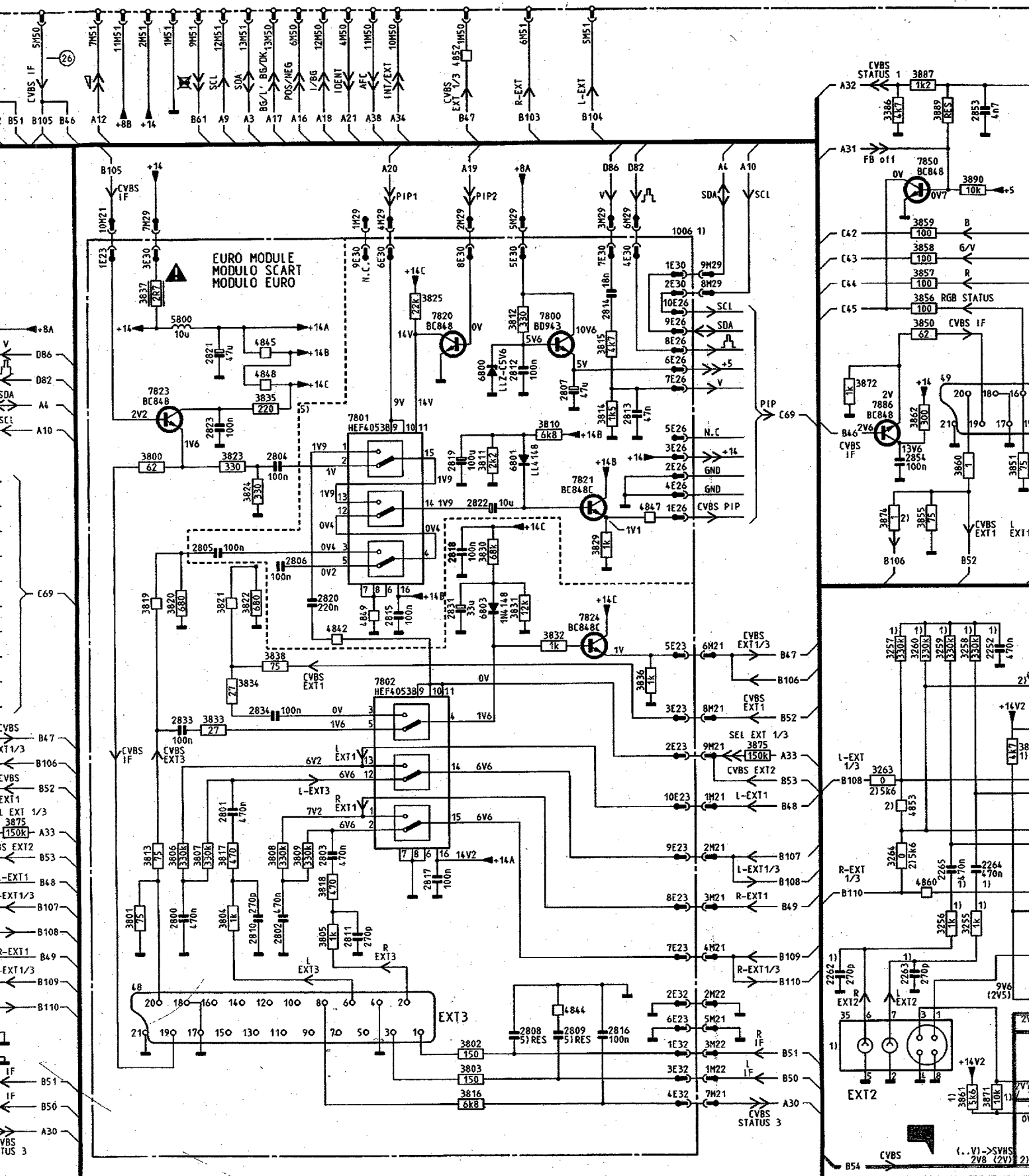


IF/SOUND MODULE ZF/TON MODUL MODULE FI/SON MODULO IF/AUDIO MODULO SONIDO FI

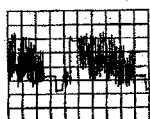
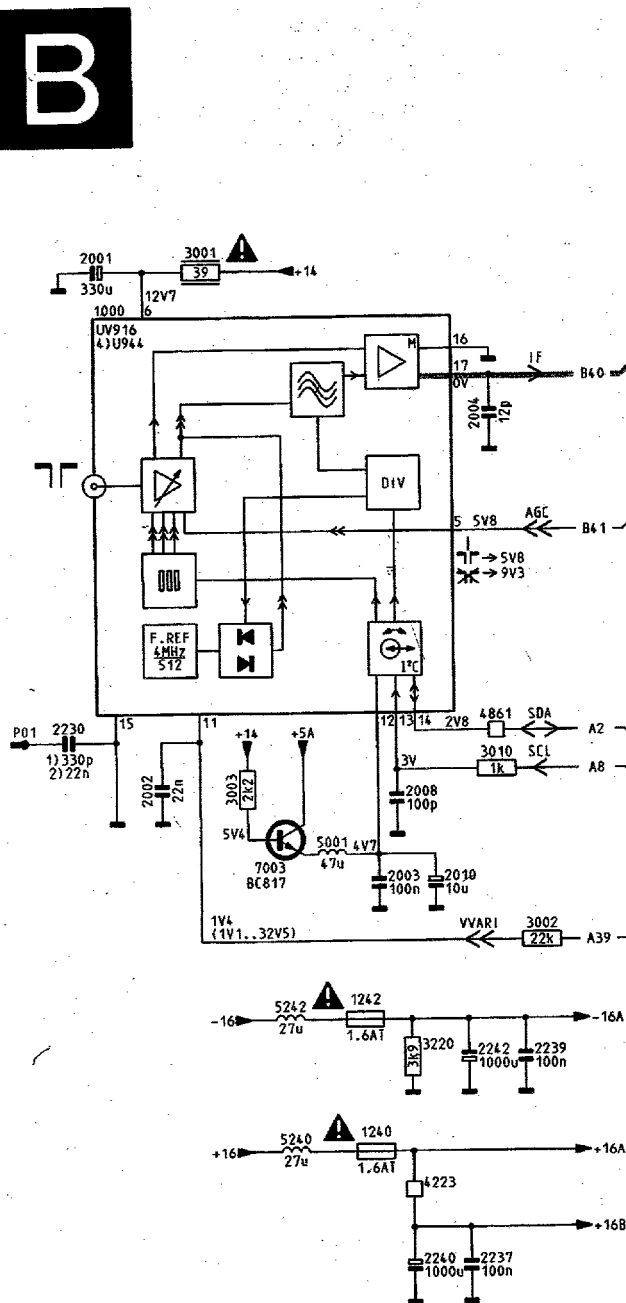
G : MONO

H : STEREO/ESTEREO

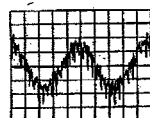
I : NICAM



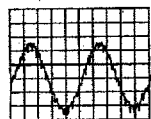
B



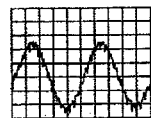
TP 20
0,5 V/div AC
10 μ S/div



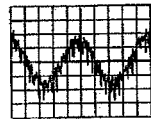
TP 32
50 mV/div DC
0,2 mS/div



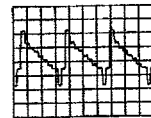
TP 33
50 mV/div DC
0,2 mS/div



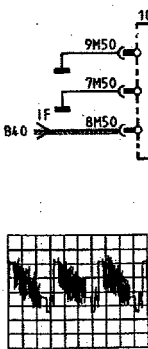
TP 34
2 V/div DC
20 μ S/div



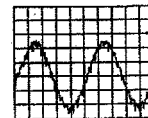
TP 35
50 mV/div DC
0,2 mS/div



TP 39
0,2 V/div AC
20 μ S/div



TP 40
0,5 V/div AC
20 μ S/div



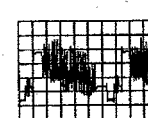
TP 23
0,1 V/div DC
0,2 mS/div



TP 24
50 mV/div DC
0,2 mS/div



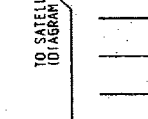
TP 25
0,5 V/div AC
10 μ S/div



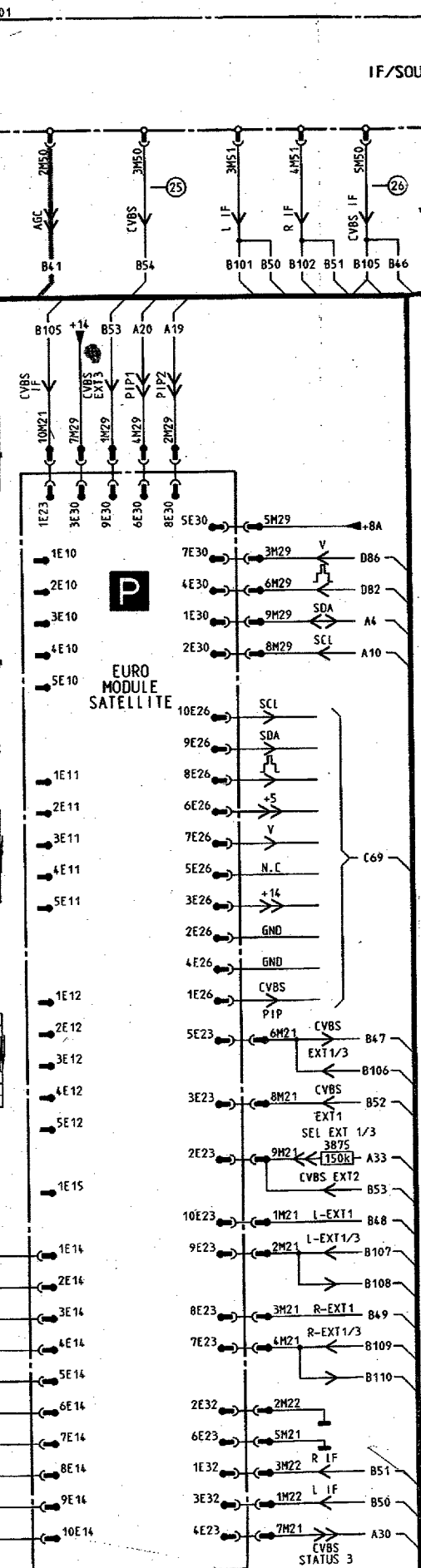
TP 26
0,5 V/div AC
10 μ S/div

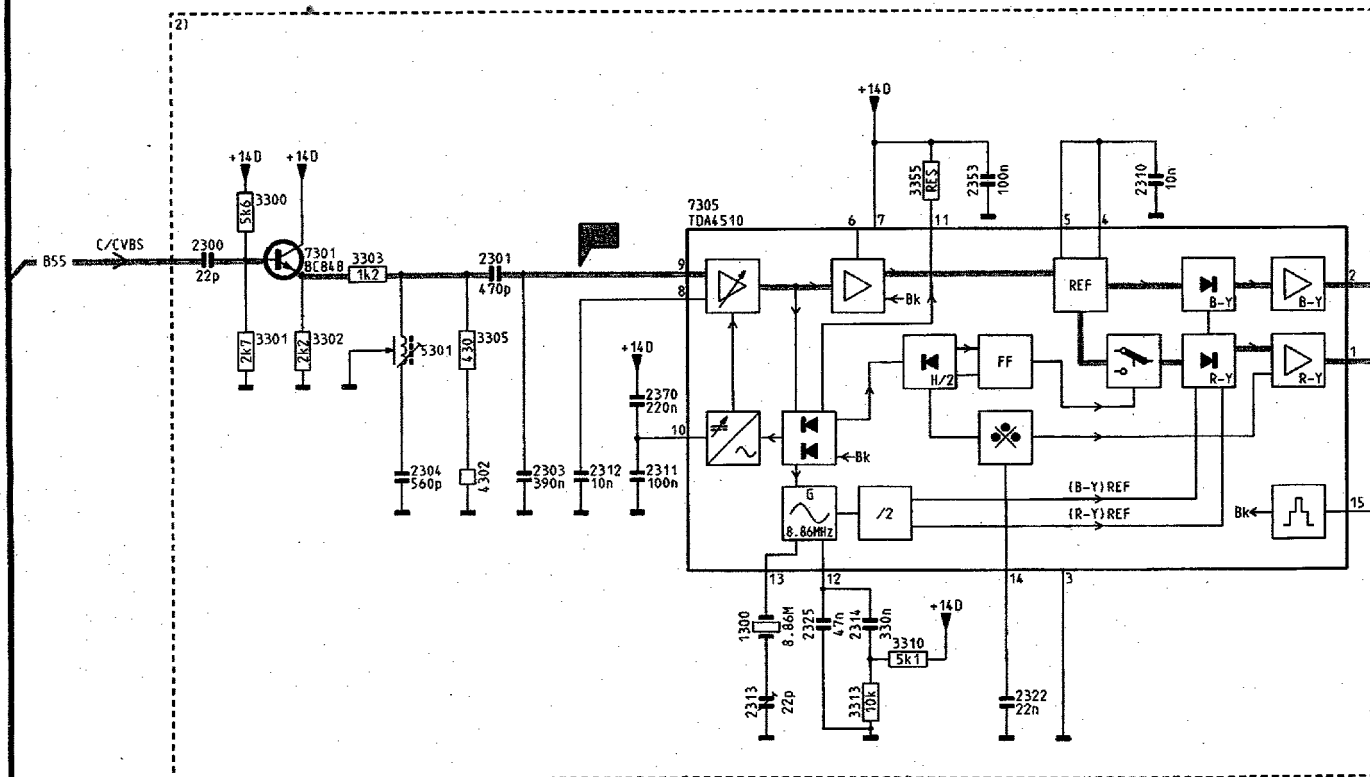
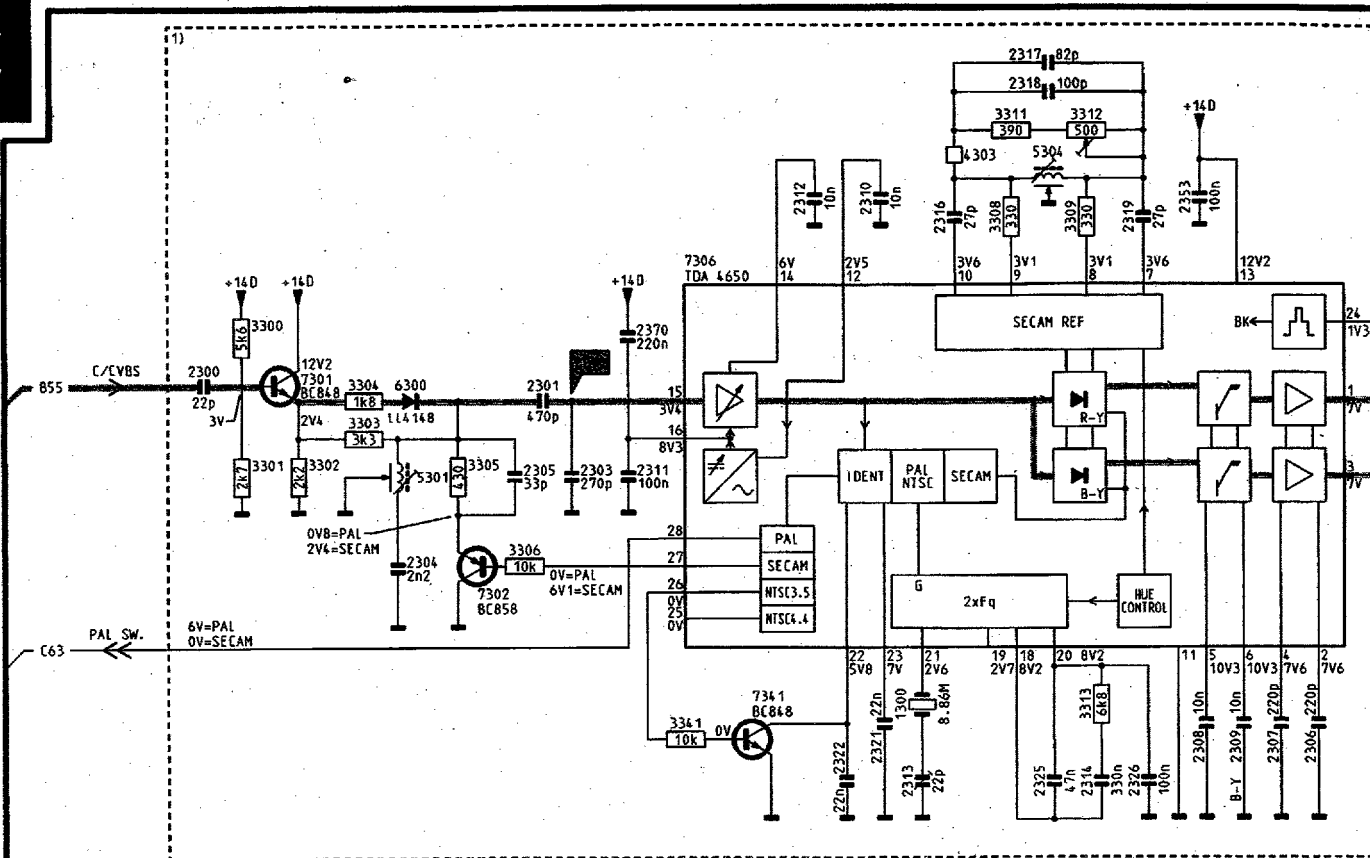


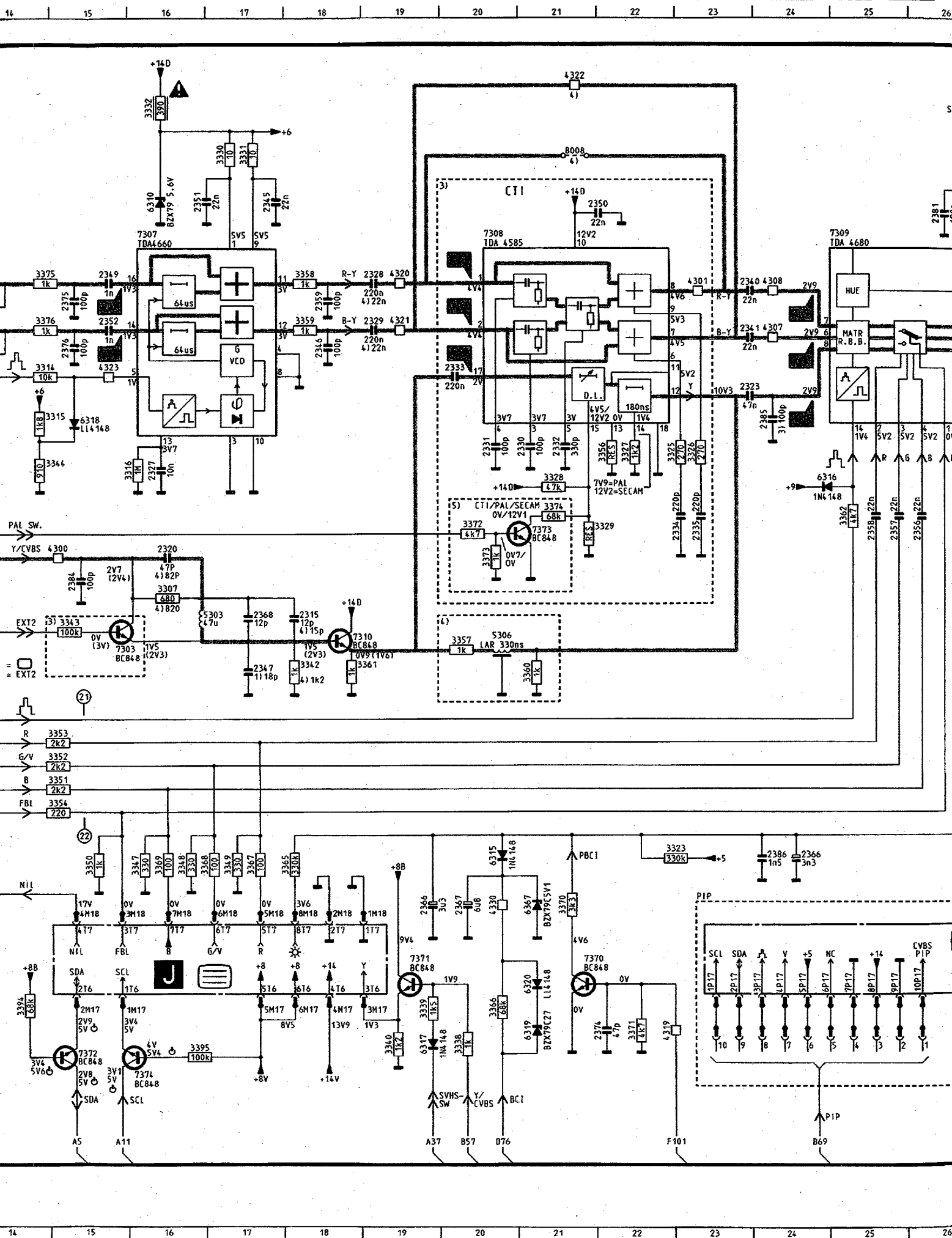
TP 27
0,5 V/div AC
10 μ S/div

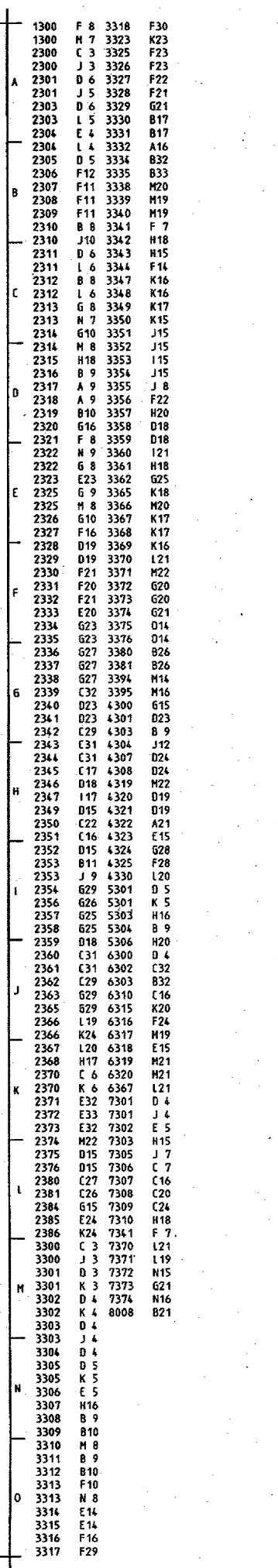


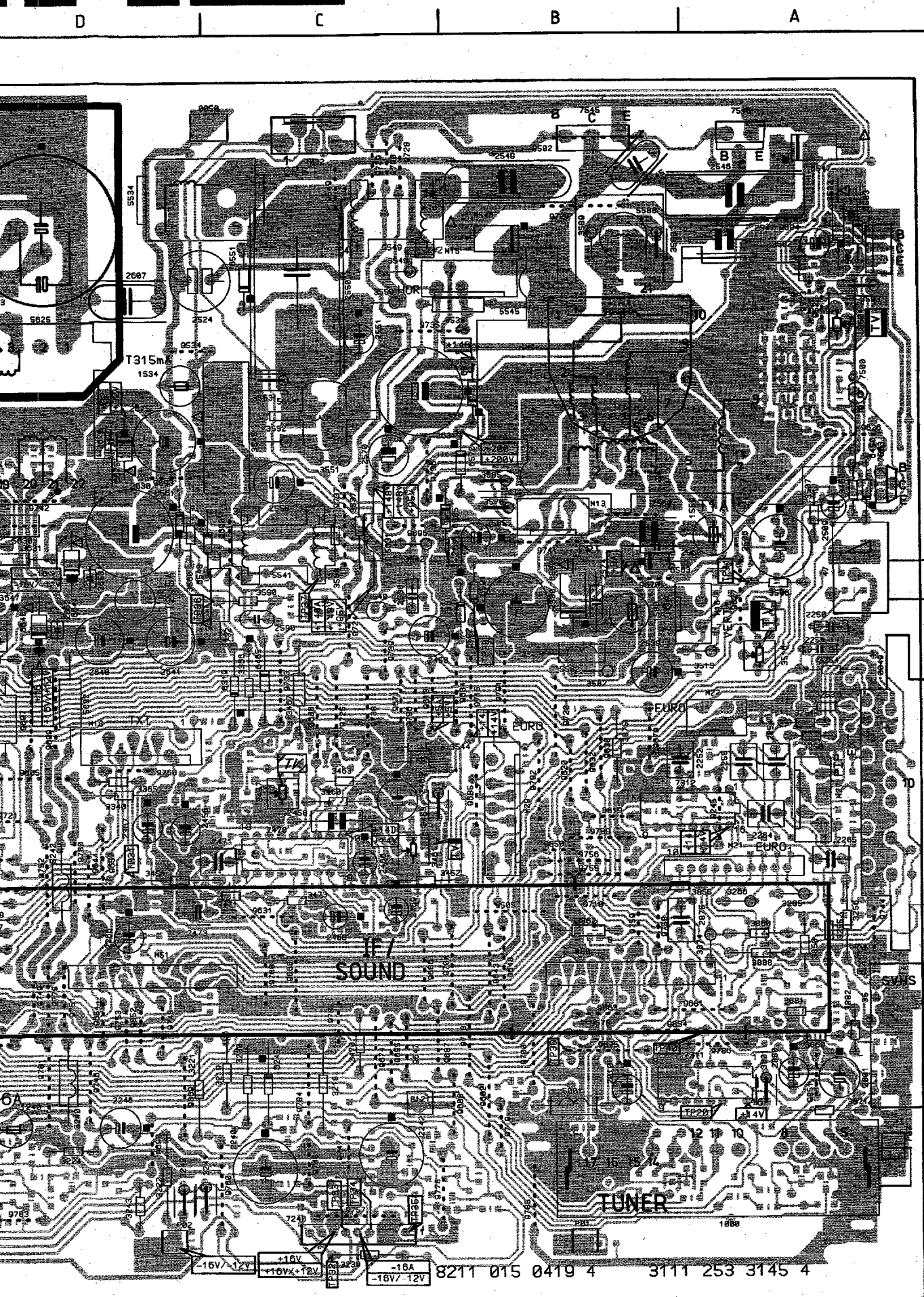
TP 28
0,5 V/div AC
10 μ S/div





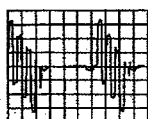




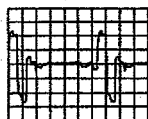


M10 F1
 M11 G1
 M12 G4
 M13 B2
 M14 E4
 M15 B1
 M16 A3
 M17 D3
 M18 C3
 M19 E5
 M20 G4
 M21 A4
 M22 A3
 M23 E5
 M24 E5
 M25 E2
 M26 G4
 M27 A4
 M28 D1
 M29 B4
 M30 G5
 M31 F3
 M32 C1
 M33 G4
 M34 G4
 M40 G3
 M50 B4
 M51 D4
 M52 F2
 M53 E3
 M54 F3
 P01 B5
 P02 C5
 P03 A5
 0035 A5
 0037 G1
 0039 G5
 0041 G3
 0047 A3
 0049 A4
 1000 A5
 1003 G5
 1240 D5
 1242 E5
 1300 F5
 1534 C2
 1559 A2
 1580 B3
 1600 G2
 1601 D3
 1702 F2
 2001 A5
 2010 B5
 2231 D5
 2240 C5
 2242 C5
 2246 D5
 2248 D5
 2250 A3
 2251 A3
 2252 A3
 2254 A3
 2255 A3
 2264 A4
 2285 A4
 2286 D4
 2313 F5
 2314 E5
 2328 G5
 2329 G5
 2333 G4
 2354 F4
 2355 E5
 2364 E5
 2365 F4
 2366 E4
 2367 D4
 2370 E5
 2450 B3
 2456 C4
 2458 C4
 2465 C4
 2466 C4
 2468 C4
 2469 C4
 2471 C4
 2473 C4
 2502 A1
 2506 A3
 2509 A2
 2524 C1
 2538 B3
 2539 A3
 2545 A1
 2546 A1
 2547 A1
 2549 B1
 2550 C1
 2551 C2
 2559 C2
 2560 B2
 2563 A3
 2570 C2
 2574 B3
 2580 B3
 2585 B2
 2590 C3
 2600 F1
 2603 D1
 2605 D1
 2607 D1
 2611 E2
 2617 E1
 2620 E1
 2625 D1
 2626 E1
 2630 D2
 2631 C2
 2632 E2
 2640 D3
 2641 D3
 2646 E2
 2652 D3
 2653 D3
 2660 E2

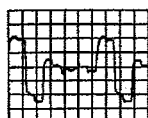
M10 F1 2661 E2 3734 F3 9605 D3 9773 F3
 M11 G1 2664 E3 3736 F3 9608 F4 9775 B2
 M12 G4 2671 E3 3737 F2 9609 F5 9777 D4
 M13 B2 2675 D2 3752 G2 9610 F4 9778 B5
 M14 E4 2676 D2 3759 F3 9611 G2 9779 D4
 M15 B1 2706 G2 3771 F2 9612 E4 9780 D4
 M16 A3 2713 G5 3772 F2 9613 B3 9781 D5
 M17 D3 2719 F2 3777 G3 9614 D4 9783 D5
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 M19 E5 2875 A4 3779 G2 9617 F3 9785 B5
 M20 G4 3001 A5 3850 A4 9618 F2 9786 A5
 M21 A4 3218 C5 3855 A4 9619 B4 9787 C4
 M22 A3 3219 C5 3860 A4 9620 B3 9788 C4
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 M24 E5 3222 D5 3869 A5 9623 E3 9790 C1
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 M27 A4 3239 C5 3875 B3 9627 A3 9793 E2
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 M29 B4 3241 C5 3882 A5 9629 F3 9797 E4
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 M31 F3 3243 D5 3888 A4 9631 C4 9799 G3
 M32 C1 3246 G5 5001 B5 9632 B3 9850 B4
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 0039 G5 3327 G4 5605 F1 9653 E4
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 1000 A5 3336 E5 5625 D2 9658 E3
 1003 G5 3337 E5 5630 D2 9659 D4
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 1242 E5 3339 E4 5632 D3 9664 F3
 1300 F5 3340 D4 5661 F2 9665 F2
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 1600 G2 3350 E4 6302 F4 9670 A3
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 1702 F2 3352 E4 6316 F4 9672 F4
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 2255 A3 3460 C4 6570 B2 9686 B4
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 2265 A4 3463 C3 6580 B3 9688 B5
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 2314 E5 3471 C4 6592 B3 9693 C2
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 2603 D1 3626 E1 7708 G3 9750 D5
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 2607 D1 3634 D3 9245 A4 9752 D4
 2611 E2 3635 D3 9246 E5 9753 D5
 2617 E1 3637 D3 9247 E5 9755 B4
 2620 E1 3647 D3 9248 E5 9756 B4
 2625 D1 3649 E3 9249 E5 9757 C5
 2626 E1 3658 E2 9300 E5 9758 A4
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 2632 E2 3718 F3 9522 A2 9764 E4
 2640 O3 3719 F3 9523 A1 9766 E4
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 2646 E2 3727 G3 9549 C1 9769 D4
 2652 D3 3728 G3 9551 F3 9770 F4
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 2660 E2 3733 E3



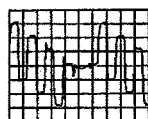
TP 1
0,2 V/div AC
20 μ S/div



TP 2
0,2 V/div AC
20 μ S/div



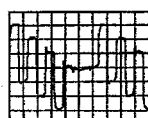
TP 3
0,2 V/div AC
10 μ S/div



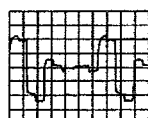
TP 4
0,2 V/div AC
10 μ S/div



TP 5
0,1 V/div AC
10 μ S/div



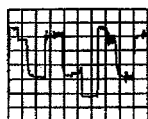
TP 6
0,2 V/div AC
10 μ S/div



TP 7
0,2 V/div AC
10 μ S/div



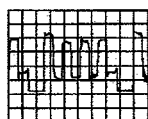
TP 8
50 mV/div AC
10 μ S/div



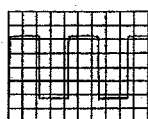
TP 9
0,5 V/div AC
10 μ S/div



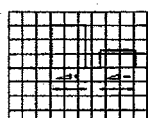
TP 10
0,5 V/div AC
10 μ S/div



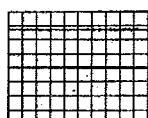
TP 11
0,5 V/div AC
10 μ S/div



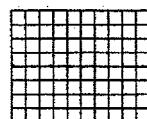
TP 12
1 V/div AC
10 μ S/div



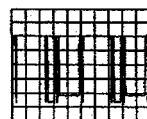
TP 13
1 V/div DC
1 S/div



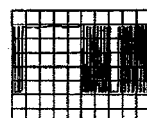
TP 14
1 V/div DC
0,5 mS/div



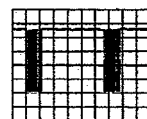
TP 14 ϕ
0,2 V/div DC
0,5 mS/div



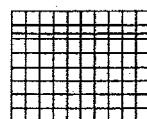
TP 15
1 V/div AC
0,2 mS/div



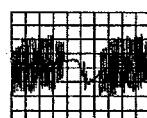
TP 16
1 V/div DC
0,1 mS/div



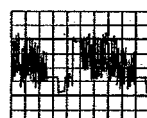
TP 17
1 V/div DC
20 mS/div



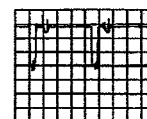
TP 18
2 V/div DC
20 mS/div



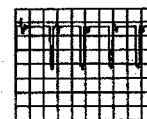
TP 19
50 mV/div AC
10 μ S/div



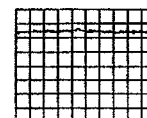
TP 20
0,5 V/div AC
10 μ S/div



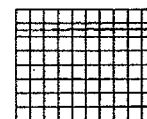
TP 21
0,5 V/div DC
5 μ S/div



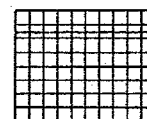
TP 21 ϕ
0,5 V/div DC
10 μ S/div



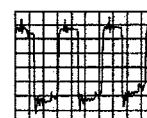
TP 22
1 V/div DC



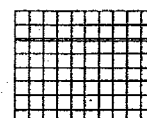
TP 23
1 V/div DC



TP 24
5V/div DC



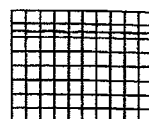
TP 25
0,2 V/div AC
5 μ S/div



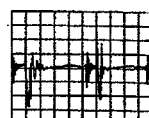
TP 26
1 V/div DC



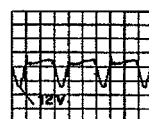
TP 26 ϕ
0,1 V/div AC
5 mS/div



TP 27
1 V/div DC



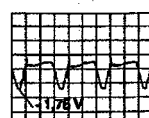
TP 27 ϕ
50 mV/div AC
10 mS/div



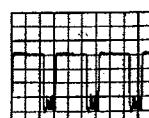
TP 28
0,5 V/div AC
5 μ S/div



TP 28 ϕ
1 /div AC
10 mS/div



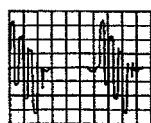
TP 29
0,5 V/div AC
5 μ S/div



TP 29 ϕ
1 V/div AC
10 mS/div



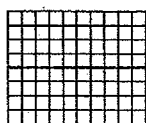
TP 30
2 V/div DC
5 μ S/div



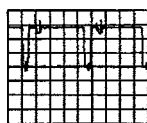
TP 1
0,2 V/div AC
20 μ S/div



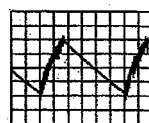
TP 8
50 mV/div AC
10 μ S/div



TP 14 ϕ
0,2 V/div DC
0,5 mS/div



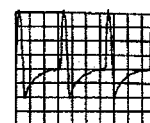
TP 21
0,5 V/div DC
5 μ S/div



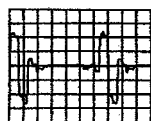
TP 26 ϕ
0,1 V/div AC
5 mS/div



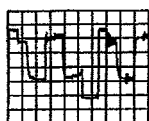
TP 30 ϕ
1 V/div DC
10 mS/div



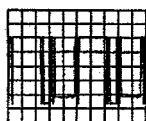
TP 38
20 mV/div AC
20 μ S/div



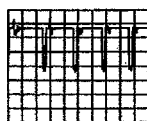
TP 2
0,2 V/div AC
20 μ S/div



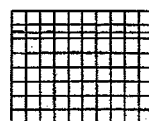
TP 9
0,5 V/div AC
10 μ S/div



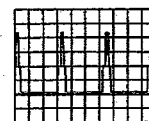
TP 15
1 V/div AC
0,2 mS/div



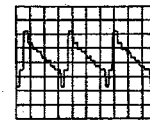
TP 21 ϕ
0,5 V/div DC
10 μ S/div



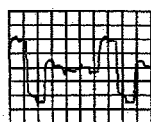
TP 27
1 V/div DC



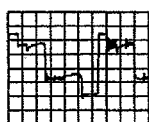
TP 31
2 V/div DC
20 μ S/div



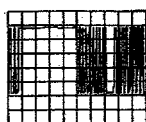
TP 39
0,2 V/div AC
20 μ S/div



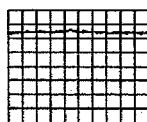
TP 3
0,2 V/div AC
10 μ S/div



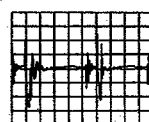
TP 10
0,5 V/div AC
10 μ S/div



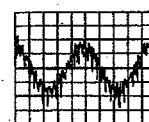
TP 16
1 V/div DC
0,1 mS/div



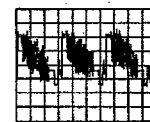
TP 22
1 V/div DC



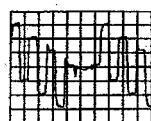
TP 27 ϕ
50 mV/div AC
10 mS/div



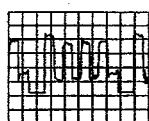
TP 32
50 mV/div DC
0,2 mS/div



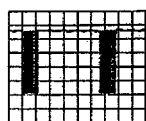
TP 40
0,5 V/div AC
20 μ S/div



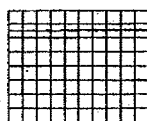
TP 4
0,2 V/div AC
10 μ S/div



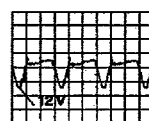
TP 11
0,5 V/div AC
10 μ S/div



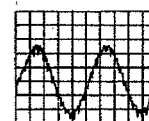
TP 17
1 V/div DC
20 mS/div



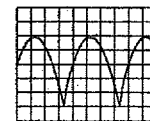
TP 23
1 V/div DC



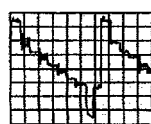
TP 28
0,5 V/div AC
5 μ S/div



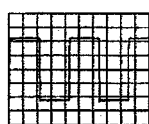
TP 33
2 V/div DC
0,2 mS/div



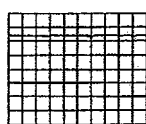
TP 41
2 V/div AC
5 mS/div



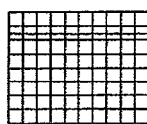
TP 5
0,1 V/div AC
10 μ S/div



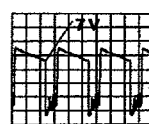
TP 12
1 V/div AC
10 μ S/div



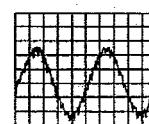
TP 18
2 V/div DC
20 mS/div



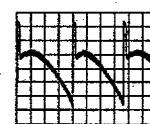
TP 24
5V/div DC



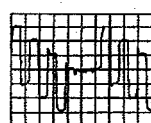
TP 28 ϕ
1 /div AC
10 mS/div



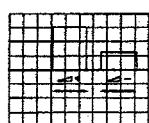
TP 34
2 V/div DC
20 μ S/div



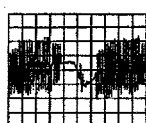
TP 41 a
5 V/div AC
5 mS/div



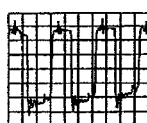
TP 6
0,2 V/div AC
10 μ S/div



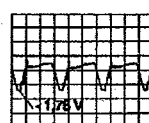
TP 13
1 V/div DC
1 S/div



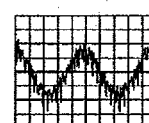
TP 19
50 mV/div AC
10 μ S/div



TP 25
0,2 V/div AC
5 μ S/div



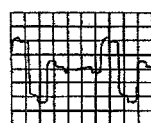
TP 29
0,5 V/div AC
5 μ S/div



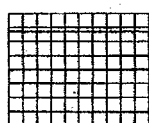
TP 35
50 mV/div DC
0,2 mS/div



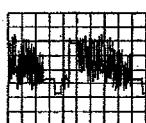
TP 41 b
5 V/div AC
5 mS/div



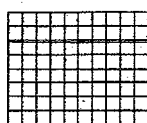
TP 7
0,2 V/div AC
10 μ S/div



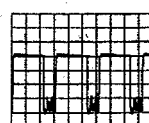
TP 14
1 V/div DC
0,5 mS/div



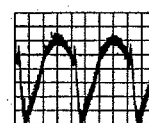
TP 20
0,5 V/div AC
10 μ S/div



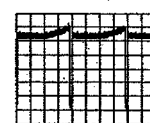
TP 26
1 V/div DC



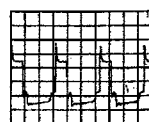
TP 29 ϕ
1 V/div AC
10 mS/div



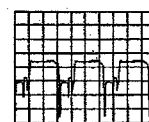
TP 36
0,2 V/div AC
5 mS/div



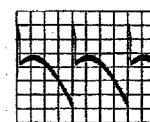
TP 41 c
0,1 V/div AC
5 mS/div



TP 30
2 V/div DC
5 μ S/div



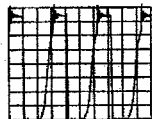
TP 37
2 V/div AC
20 μ S/div



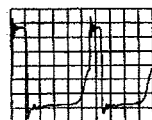
TP 41 d
5 V/div AC
5 mS/div



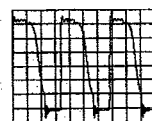
①

2 V/div AC
2 mS/div
280 V DC

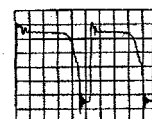
②

50 V/div AC
5 μS/div

③

50 V/div AC
5 μS/div

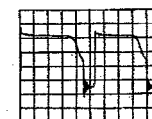
④

50 V/div AC
5 μS/div

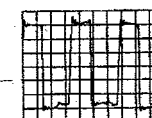
⑤

50 V/div AC
5 μS/div

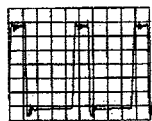
⑥

5 V/div AC
5 μS/div

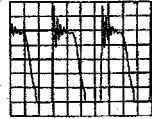
⑦

5 V/div AC
5 μS/div

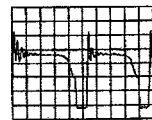
⑧

0,5 V/div AC
5 μS/div

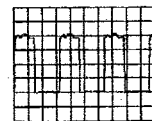
⑨

0,5 V/div AC
5 μS/div

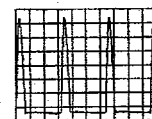
⑩

100 V/div AC
5 μS/div

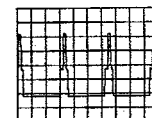
⑪

2 V/div AC
2 mS/div

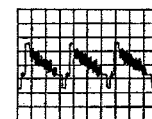
⑫

0,5 V/div AC
20 μS/div

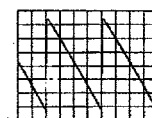
⑬

0,5 V/div AC
20 μS/div

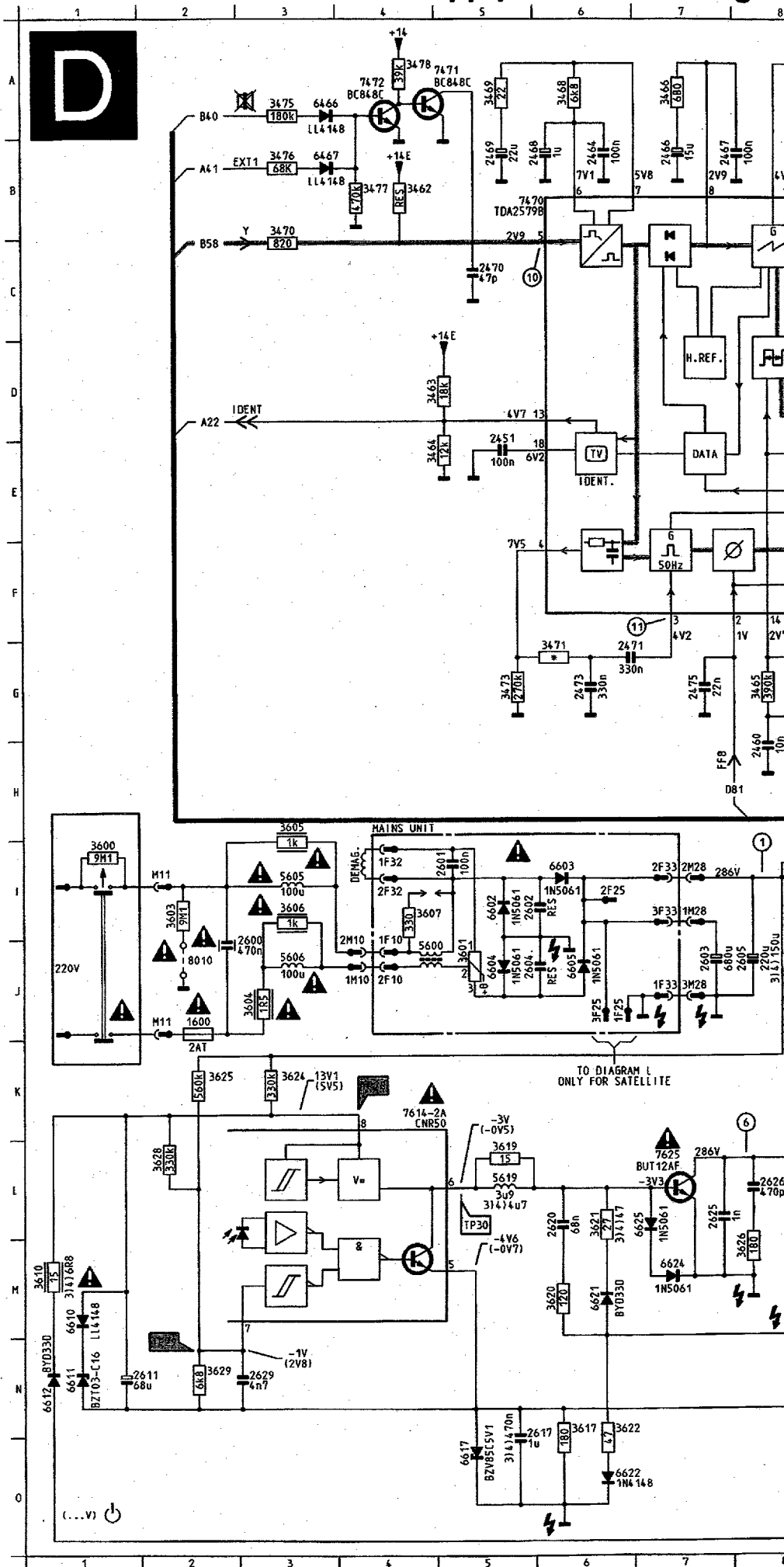
⑭

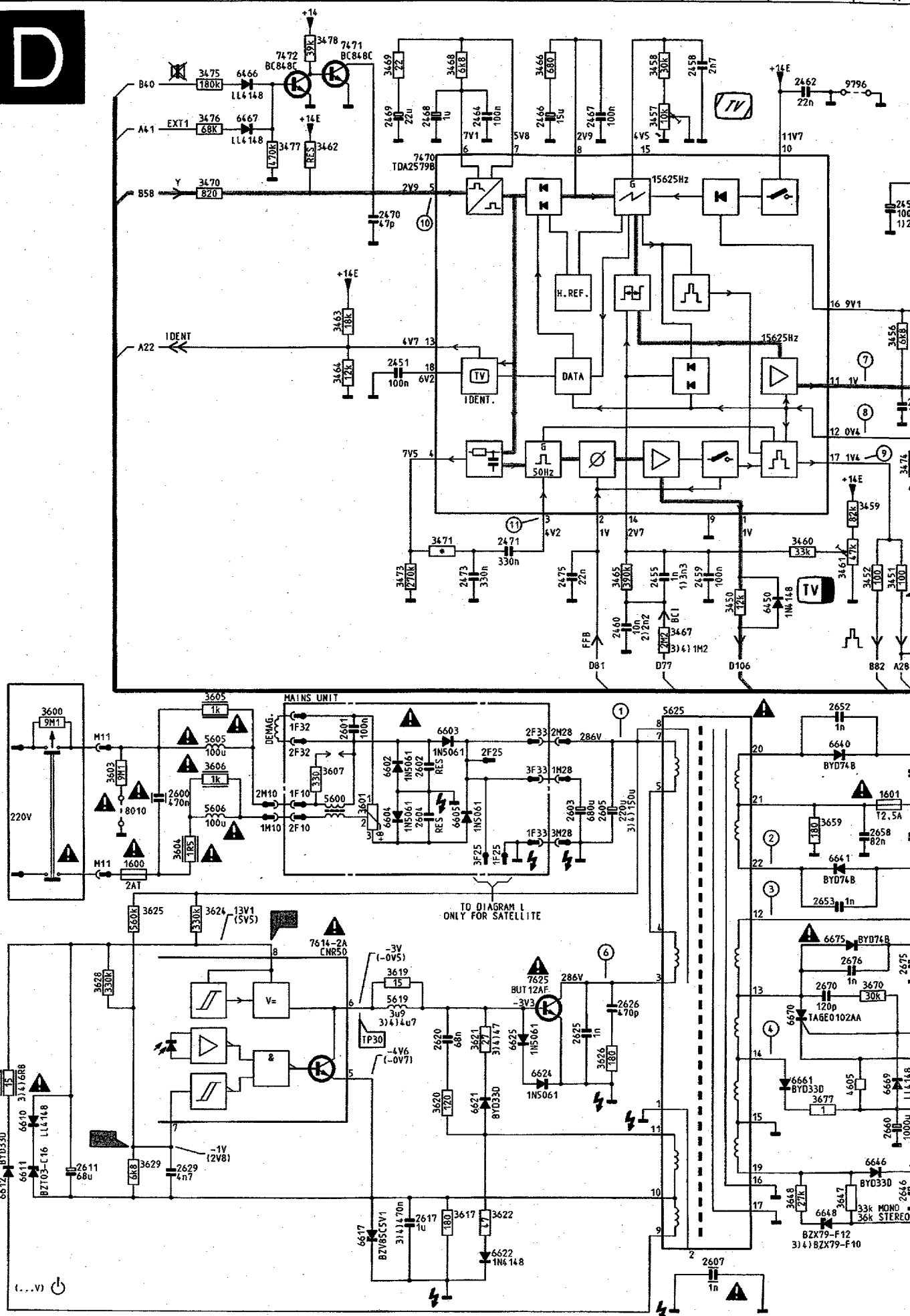
0,5 V/div AC
20 μS/div

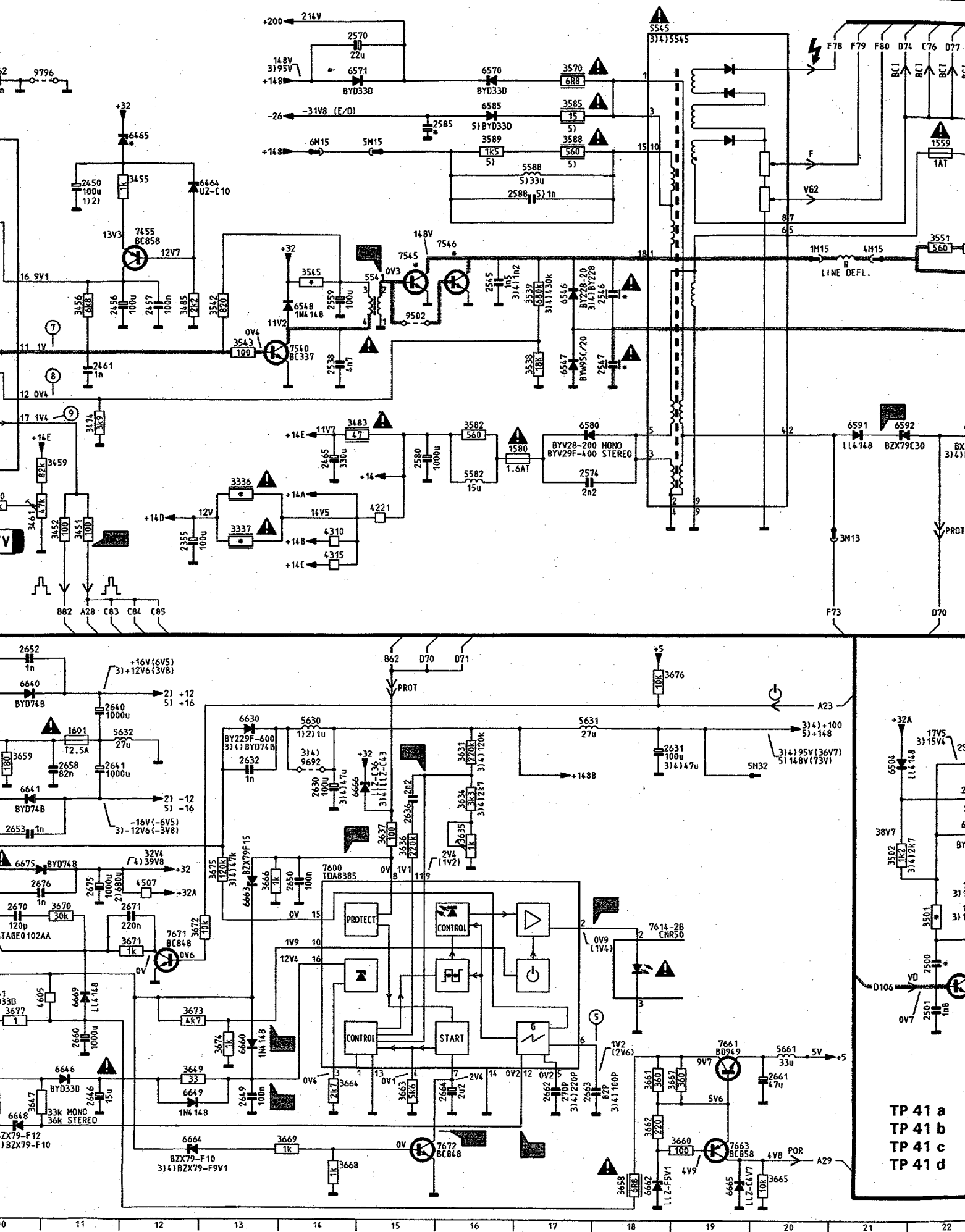
⑮

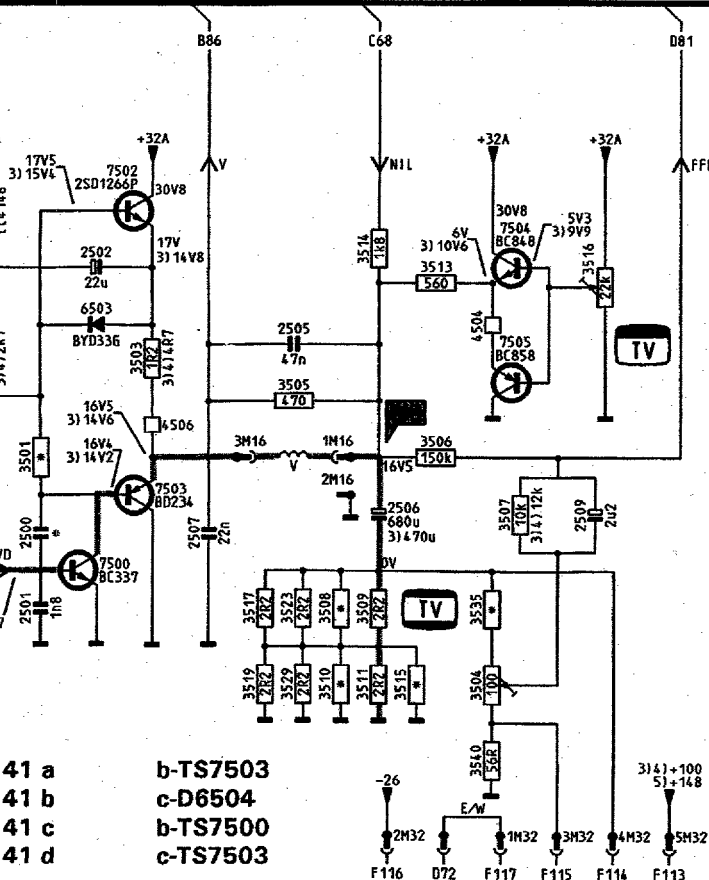
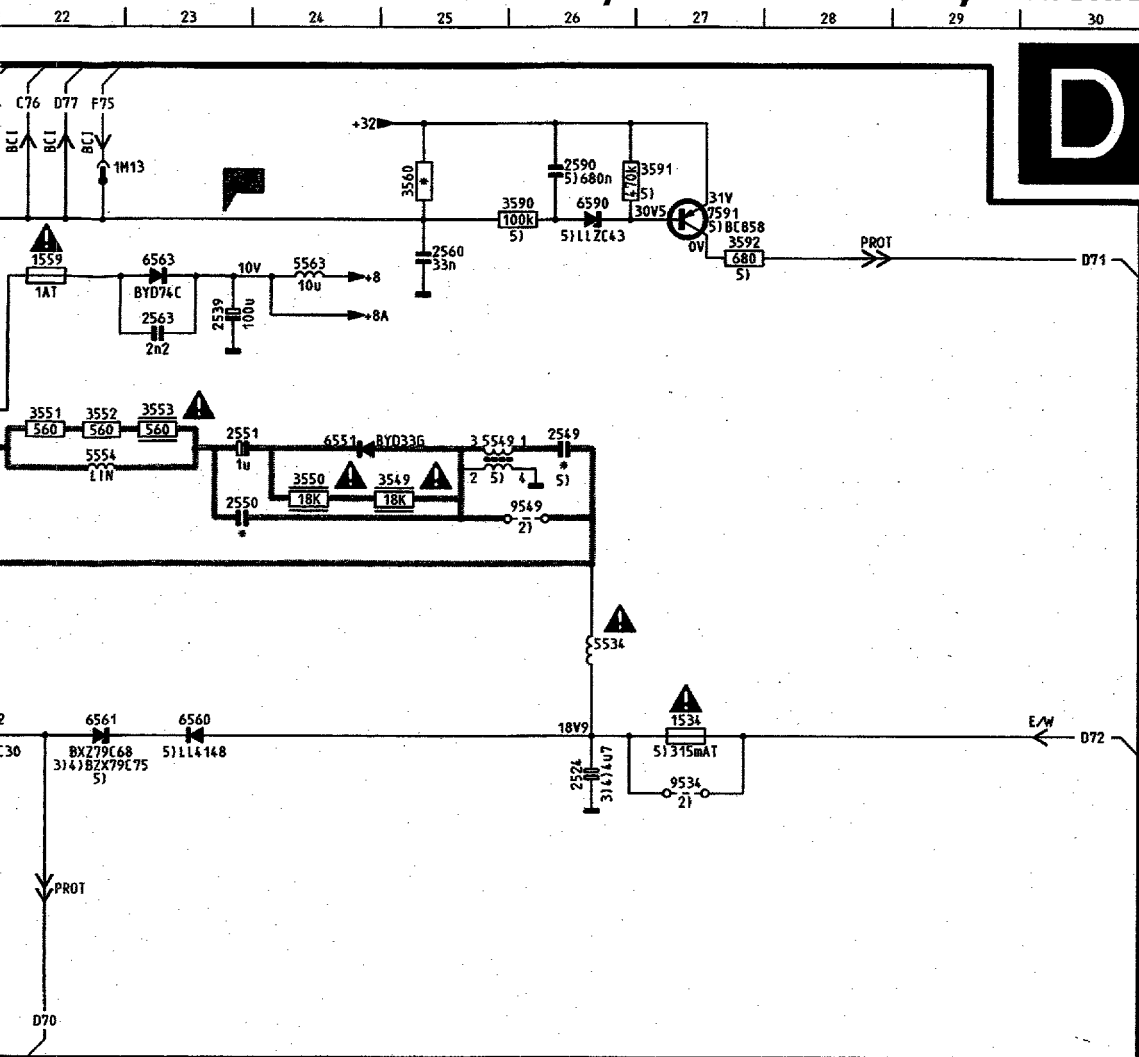
0,5 V/div AC
5 mS/div

⑯

0,5 V/div AC
5 mS/div

D





REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELOS:

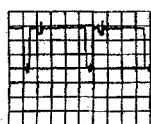
- 1) BLACK-LINE CRT (25"/28")
- 2) BLACK-MATRIX CRT (25"/28")
- 3) 21" CRT MININECK
- 4) 21" CRT NARROWNECK
- 5) NON-BLACK-LINE + BLACK-LINE CRT

| * | 1) | 2) | 3) | 4) |
|------|-----------|-----------|-----------|-----------|
| 2500 | 220p | 220p | 470p | 390p |
| 2546 | 11n | 8n2 | 7n5 | 15n |
| 2547 | 22n | 22n | 33n | 47n |
| 2549 | 470n | 390n | - | - |
| 2550 | 390n | 390n | 470n | 680n |
| 2585 | 68u | 10u | - | - |
| 3336 | 22 | 27 | 15 | 15 |
| 3337 | 22 | 27 | 15 | 15 |
| 3471 | 120k | 120k | 220k | 150k |
| 3501 | 75 | 75 | 100 | 82 |
| 3508 | 2R2 | - | 2R2 | 2R2 |
| 3510 | 2R2 | - | 2R2 | 2R2 |
| 3515 | 2R2 | - | 2R2 | 2R2 |
| 3535 | 120 | 220 | 150 | 150 |
| 3545 | 120 | 180 | 680 | 680 |
| 3560 | 16k | 20k | 39k | 36k |
| 6465 | BZX79F0V2 | BZX79F 10 | BZX79F 15 | BZX79F 15 |
| 7545 | BU508AF | BU508AF | - | - |
| 7546 | - | - | BUT11AF | BUT 12AF |

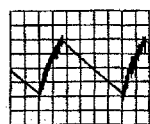
CHASSIS GR2.2

➔ $A+B+C+E+F$ C 16532100/014, DREF
310192

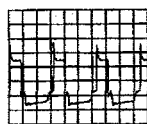
| | | | | | | |
|---|------|-----|------|-----|------|-----|
| A | 1534 | F27 | 3552 | C22 | 6649 | N12 |
| | 1559 | B22 | 3553 | C23 | 6660 | M13 |
| | 1580 | F17 | 3560 | B25 | 6661 | M10 |
| | 1600 | J 2 | 3570 | A17 | 6662 | O18 |
| | 1601 | J11 | 3582 | F16 | 6663 | K13 |
| B | 2355 | G12 | 3585 | B17 | 6664 | O12 |
| | 2450 | C11 | 3588 | B17 | 6665 | O19 |
| | 2451 | E 5 | 3589 | B16 | 6666 | J15 |
| | 2455 | G 8 | 3590 | B26 | 6669 | M11 |
| | 2456 | D11 | 3591 | A27 | 6670 | L10 |
| C | 2457 | D12 | 3592 | B27 | 6675 | K10 |
| | 2458 | A 9 | 3600 | I 1 | 7455 | C12 |
| | 2459 | G 9 | 3601 | J 5 | 7470 | B 6 |
| | 2460 | H 8 | 3603 | I 2 | 7471 | A 5 |
| | 2461 | E11 | 3604 | J 3 | 7472 | A 4 |
| D | 2462 | A10 | 3605 | H 3 | 7540 | E14 |
| | 2464 | B 6 | 3606 | I 3 | 7545 | D15 |
| | 2465 | F14 | 3607 | I 4 | 7546 | C16 |
| | 2466 | B 7 | 3610 | M 1 | 7591 | B27 |
| | 2467 | B 7 | 3617 | M 6 | 7600 | K14 |
| E | 2468 | B 6 | 3619 | L 5 | 7614 | K 5 |
| | 2469 | B 5 | 3620 | M 6 | 7614 | L19 |
| | 2470 | C 5 | 3621 | L 6 | 7625 | L 7 |
| | 2471 | G 6 | 3622 | N 6 | 7661 | M19 |
| | 2473 | G 6 | 3624 | K 3 | 7663 | O19 |
| F | 2475 | G 7 | 3625 | K 2 | 7671 | L12 |
| | 2524 | F26 | 3626 | M 8 | 7672 | O16 |
| | 2538 | E14 | 3628 | L 2 | 8010 | J 2 |
| | 2539 | C23 | 3629 | N 2 | 9502 | O15 |
| | 2545 | D16 | 3631 | J16 | 9534 | F27 |
| G | 2546 | D18 | 3634 | J16 | 9549 | O26 |
| | 2547 | E18 | 3635 | K16 | 9692 | J14 |
| | 2549 | D26 | 3636 | K15 | 9796 | A11 |
| | 2550 | D23 | 3637 | K15 | | |
| | 2551 | D23 | 3647 | N10 | | |
| H | 2559 | D14 | 3648 | N10 | | |
| | 2560 | B25 | 3649 | N12 | | |
| | 2563 | C23 | 3658 | O18 | | |
| | 2570 | A14 | 3659 | J10 | | |
| | 2574 | F17 | 3660 | O19 | | |
| I | 2580 | F15 | 3661 | N18 | | |
| | 2585 | B15 | 3662 | N18 | | |
| | 2588 | C17 | 3663 | N14 | | |
| | 2590 | A26 | 3664 | N15 | | |
| | 2600 | J 2 | 3665 | O20 | | |
| J | 2601 | I 5 | 3666 | K13 | | |
| | 2602 | I 5 | 3667 | N19 | | |
| | 2603 | J 7 | 3668 | O14 | | |
| | 2604 | J 5 | 3669 | O14 | | |
| | 2605 | J 8 | 3670 | L11 | | |
| K | 2607 | O 9 | 3671 | L12 | | |
| | 2611 | N 1 | 3672 | L12 | | |
| | 2617 | N 5 | 3673 | M12 | | |
| | 2620 | L 6 | 3674 | M13 | | |
| | 2625 | L 7 | 3675 | K13 | | |
| L | 2626 | L 8 | 3676 | M18 | | |
| | 2629 | N 3 | 3677 | M10 | | |
| | 2630 | J14 | 4221 | G15 | | |
| | 2631 | J18 | 4310 | G14 | | |
| | 2632 | J13 | 4315 | E14 | | |
| M | 2636 | J15 | 4507 | K12 | | |
| | 2640 | I11 | 4605 | M11 | | |
| | 2641 | J11 | 5534 | E26 | | |
| | 2646 | M11 | 5541 | D15 | | |
| | 2649 | N13 | 5545 | A18 | | |
| N | 2650 | K14 | 5545 | A18 | | |
| | 2652 | I10 | 5549 | D25 | | |
| | 2653 | K10 | 5554 | D22 | | |
| | 2658 | J11 | 5563 | B24 | | |
| | 2660 | M11 | 5582 | F16 | | |
| O | 2661 | N20 | 5588 | B17 | | |
| | 2662 | N17 | 5600 | J 4 | | |
| | 2663 | N17 | 5605 | I 3 | | |
| | 2664 | N16 | 5606 | J 3 | | |
| | 2670 | L10 | 5619 | L 5 | | |
| P | 2671 | L12 | 5625 | I 8 | | |
| | 2675 | K11 | 5630 | I14 | | |
| | 2676 | K11 | 5631 | I17 | | |
| | 3336 | F13 | 5632 | J12 | | |
| | 3337 | G13 | 5661 | N20 | | |
| Q | 3450 | G 9 | 6450 | G10 | | |
| | 3451 | G11 | 6464 | C12 | | |
| | 3452 | G11 | 6465 | B12 | | |
| | 3455 | C12 | 6466 | A 3 | | |
| | 3456 | D11 | 6467 | B 3 | | |
| R | 3457 | B 8 | 6546 | D17 | | |
| | 3458 | A 8 | 6547 | E17 | | |
| | 3459 | F11 | 6548 | D14 | | |
| | 3460 | G10 | 6551 | D24 | | |
| | 3461 | G10 | 6560 | F23 | | |
| S | 3462 | B 4 | 6561 | F22 | | |
| | 3463 | D 5 | 6563 | D23 | | |
| | 3464 | E 5 | 6570 | A16 | | |
| | 3465 | G 8 | 6571 | A14 | | |
| | 3466 | A 7 | 6580 | F17 | | |
| T | 3467 | H 8 | 6585 | B16 | | |
| | 3468 | A 6 | 6590 | B26 | | |
| | 3469 | A 5 | 6591 | F21 | | |
| | 3470 | B 3 | 6592 | F21 | | |
| | 3471 | G 6 | 6602 | I 5 | | |
| U | 3473 | G 5 | 6603 | I 6 | | |
| | 3474 | F11 | 6604 | J 5 | | |
| | 3475 | A 3 | 6605 | J 6 | | |
| | 3476 | B 3 | 6610 | M 1 | | |
| | 3477 | B 4 | 6611 | N 1 | | |
| V | 3478 | A 4 | 6612 | N 1 | | |
| | 3483 | F14 | 6617 | O 5 | | |
| | 3485 | D12 | 6621 | M 6 | | |
| | 3538 | E17 | 6622 | O 6 | | |
| | 3539 | O17 | 6624 | M 7 | | |
| W | 3542 | D13 | 6625 | L 7 | | |
| | 3543 | E13 | 6630 | I13 | | |
| | 3545 | D14 | 6640 | I10 | | |
| | 3549 | D25 | 6641 | J10 | | |
| | 3550 | D24 | 6646 | N11 | | |
| X | 3551 | C22 | 6648 | M10 | | |



TP 21
0,5 V/div DC
5 μ S/div



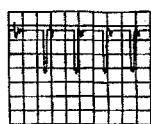
TP 26 ϕ
0,1 V/div AC
5 mS/div



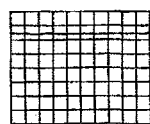
TP 30
2 V/div DC
5 μ S/div



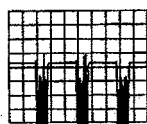
TP 41 a
5 V/div AC
5 mS/div



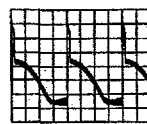
TP 21 ϕ
0,5 V/div DC
10 μ S/div



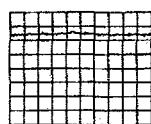
TP 27
1 V/div DC



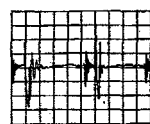
TP 30 ϕ
1 V/div DC
10 mS/div



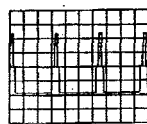
TP 41 b
5 V/div AC
5 mS/div



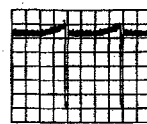
TP 22
1 V/div DC



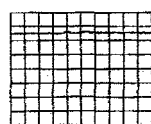
TP 27 ϕ
50 mV/div AC
10 mS/div



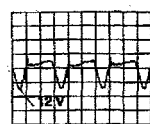
TP 31
2 V/div DC
20 μ S/div



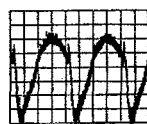
TP 41 c
0,1 V/div AC
5 mS/div



TP 23
1 V/div DC



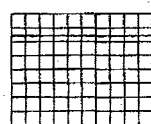
TP 28
0,5 V/div AC
5 μ S/div



TP 36
0,2 V/div AC
5 mS/div



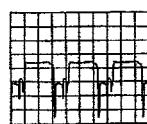
TP 41 d
5 V/div AC
5 mS/div



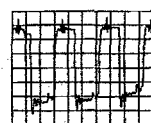
TP 24
5V/div DC



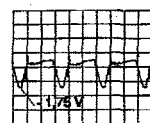
TP 28 ϕ
1 /div AC
10 mS/div



TP 37
2 V/div AC
20 μ S/div



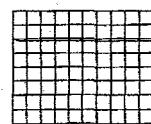
TP 25
0,2 V/div AC
5 μ S/div



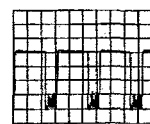
TP 29
0,5 V/div AC
5 μ S/div



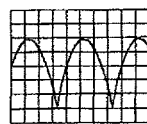
TP 38
20 mV/div AC
20 μ S/div



TP 26
1 V/div DC



TP 29 ϕ
1 V/div AC
10 mS/div



TP 41
2 V/div AC
5 mS/div

1

2

3

4

5

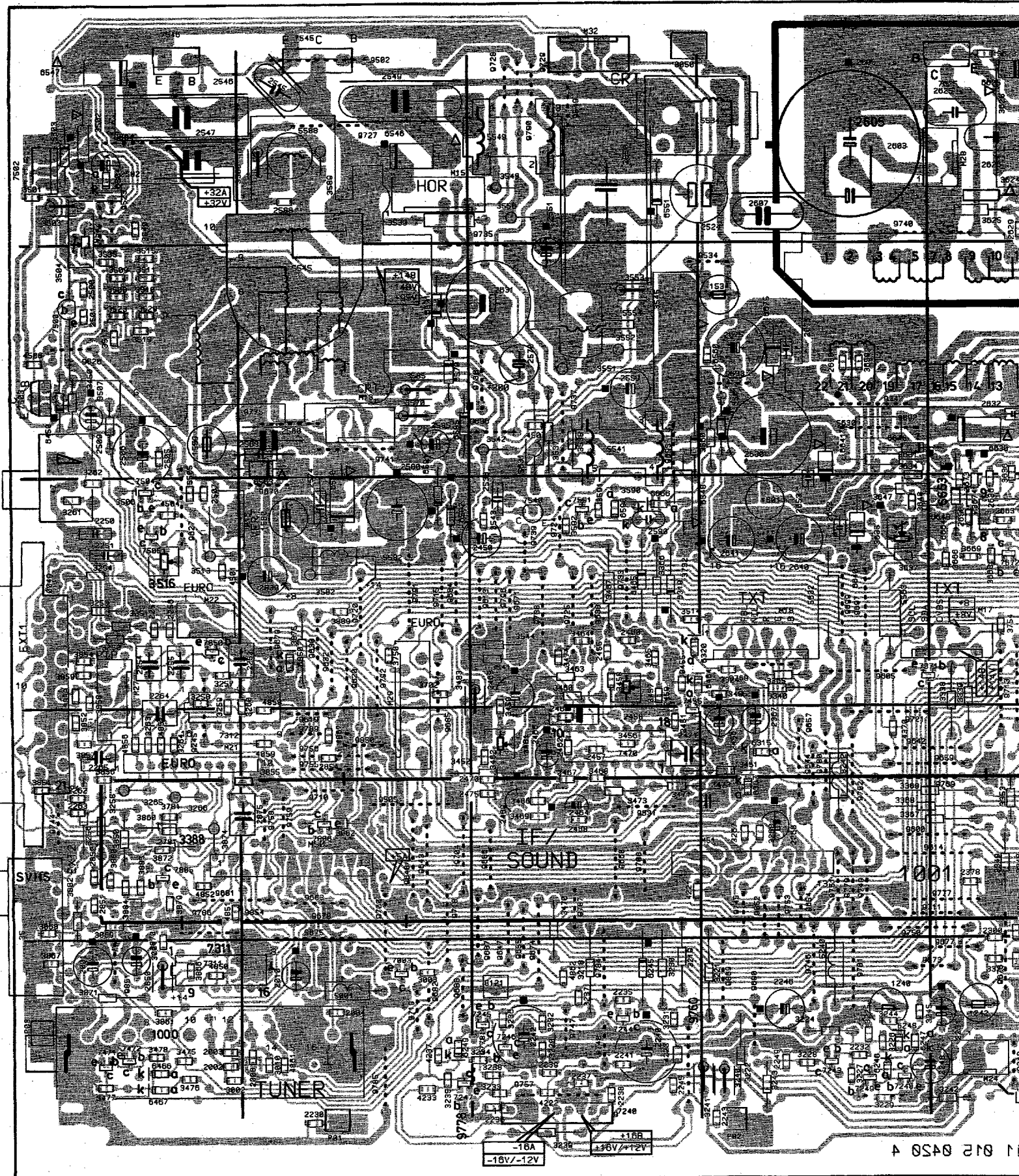


A

B

C

D

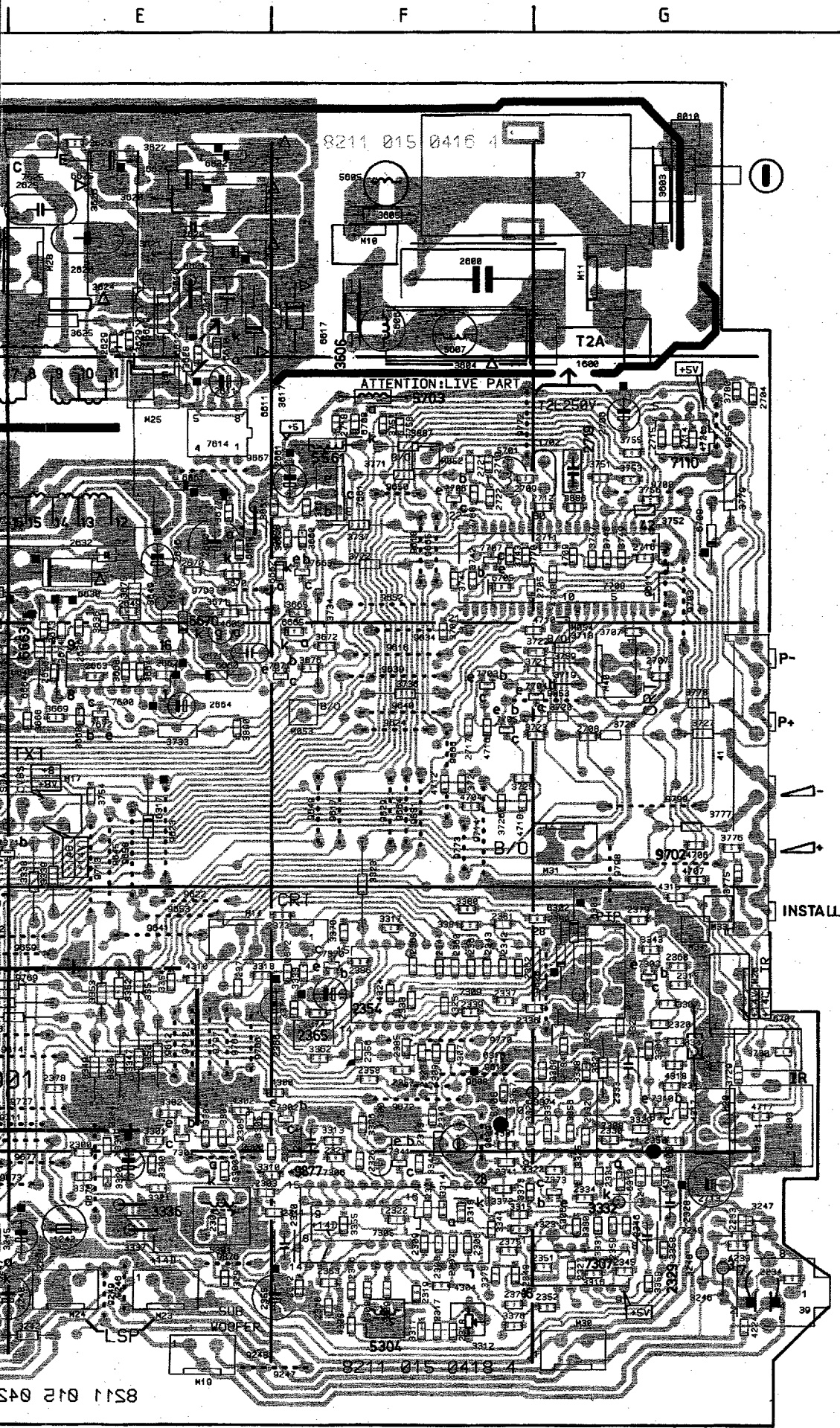


A

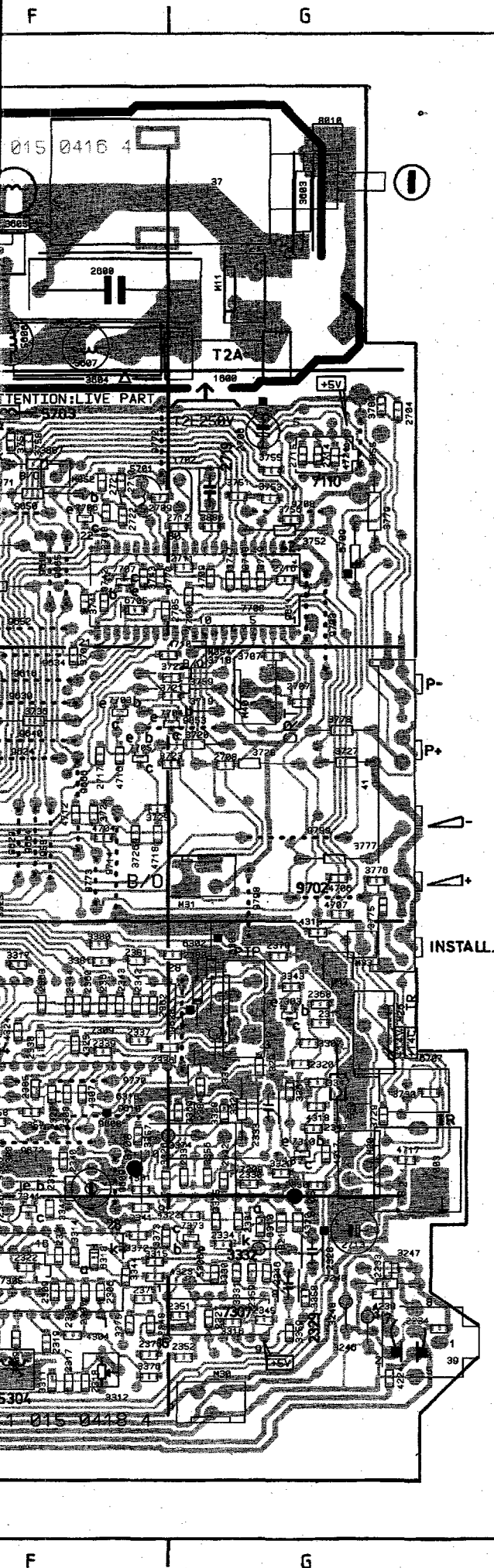
B

C

D

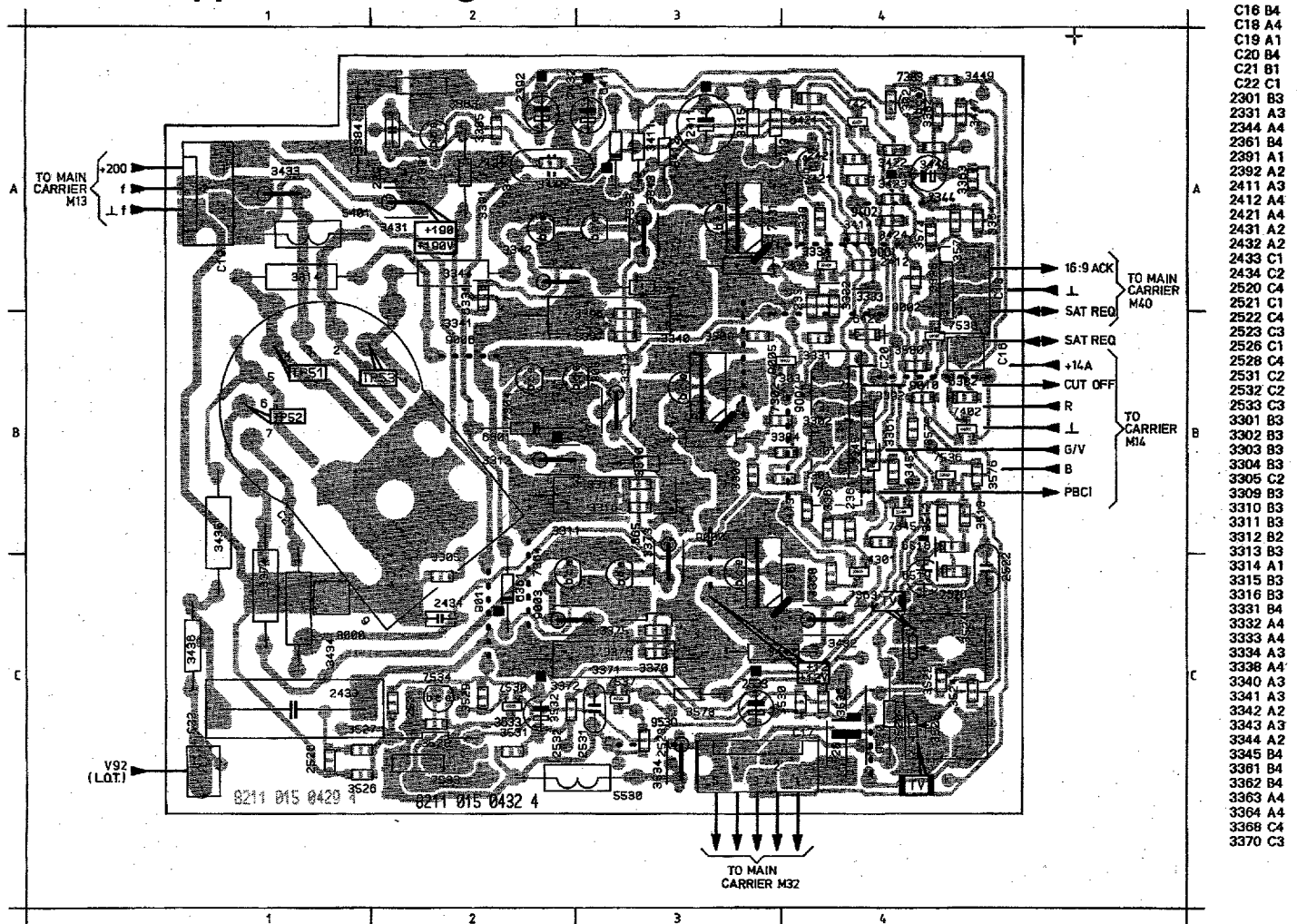


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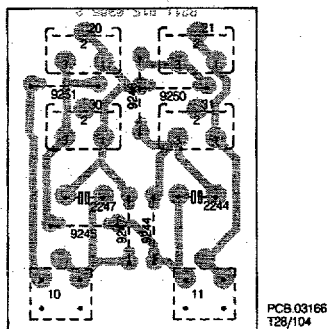


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| 2317 F5 | 2646 E2 | 3333 E4 | 3625 E1 | 4307 F4 | 6665 E3 | 9667 E2 | 9825 A5 |
| 2318 F5 | 2649 E3 | 3334 G4 | 3626 E1 | 4308 F4 | 6666 C3 | 9668 C4 | 9826 A5 |
| 2319 F5 | 2650 E3 | 3335 F4 | 3628 E2 | 4310 E4 | 6668 E2 | 9670 A3 | 9827 A5 |
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| 2321 F5 | 2653 D3 | 3337 E5 | 3631 D3 | 4317 G4 | 6675 D2 | 9672 F4 | 9829 A5 |
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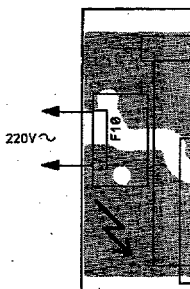
Picture tube module "narrowneck" / Bildröhren Modul "narrowneck" / Module support tube image "narrowneck"



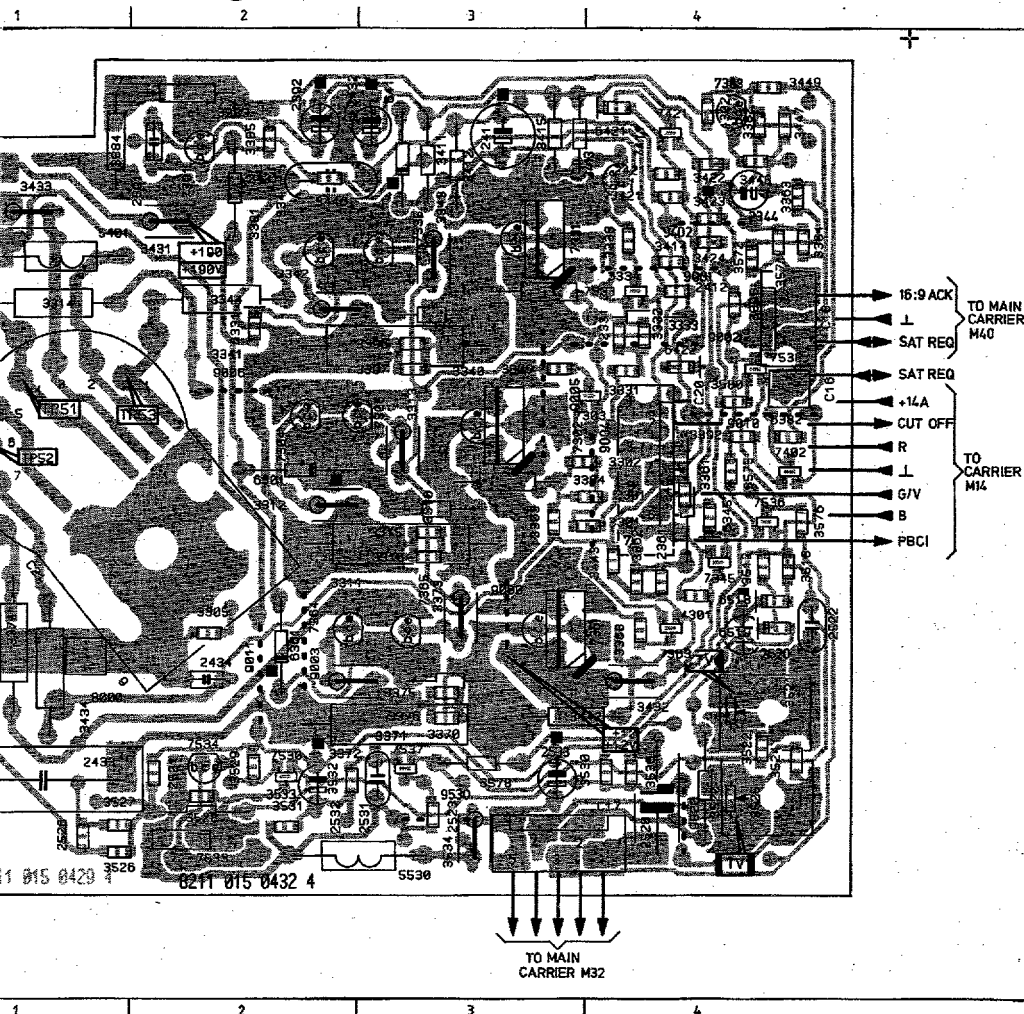
Loud speaker module
Lautsprecher Platte
Module haut parleur



Mains r
Netzteil
Module



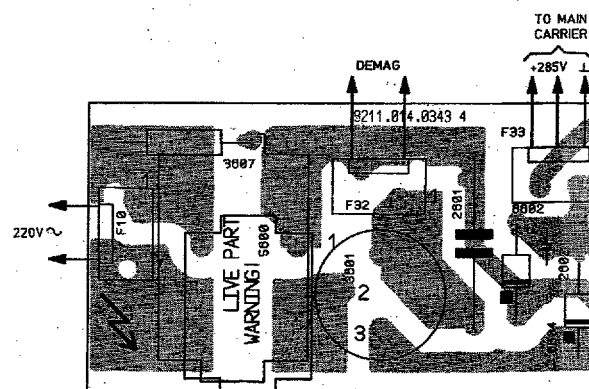
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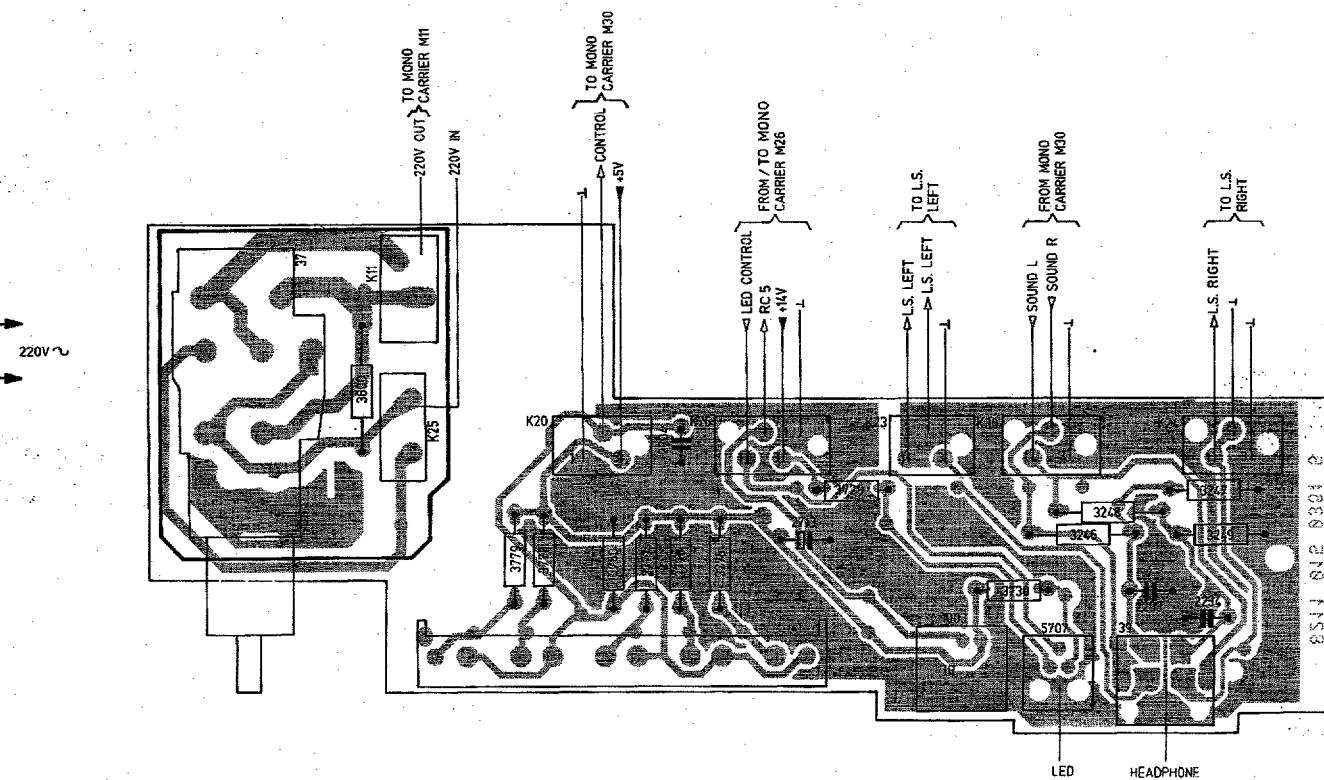
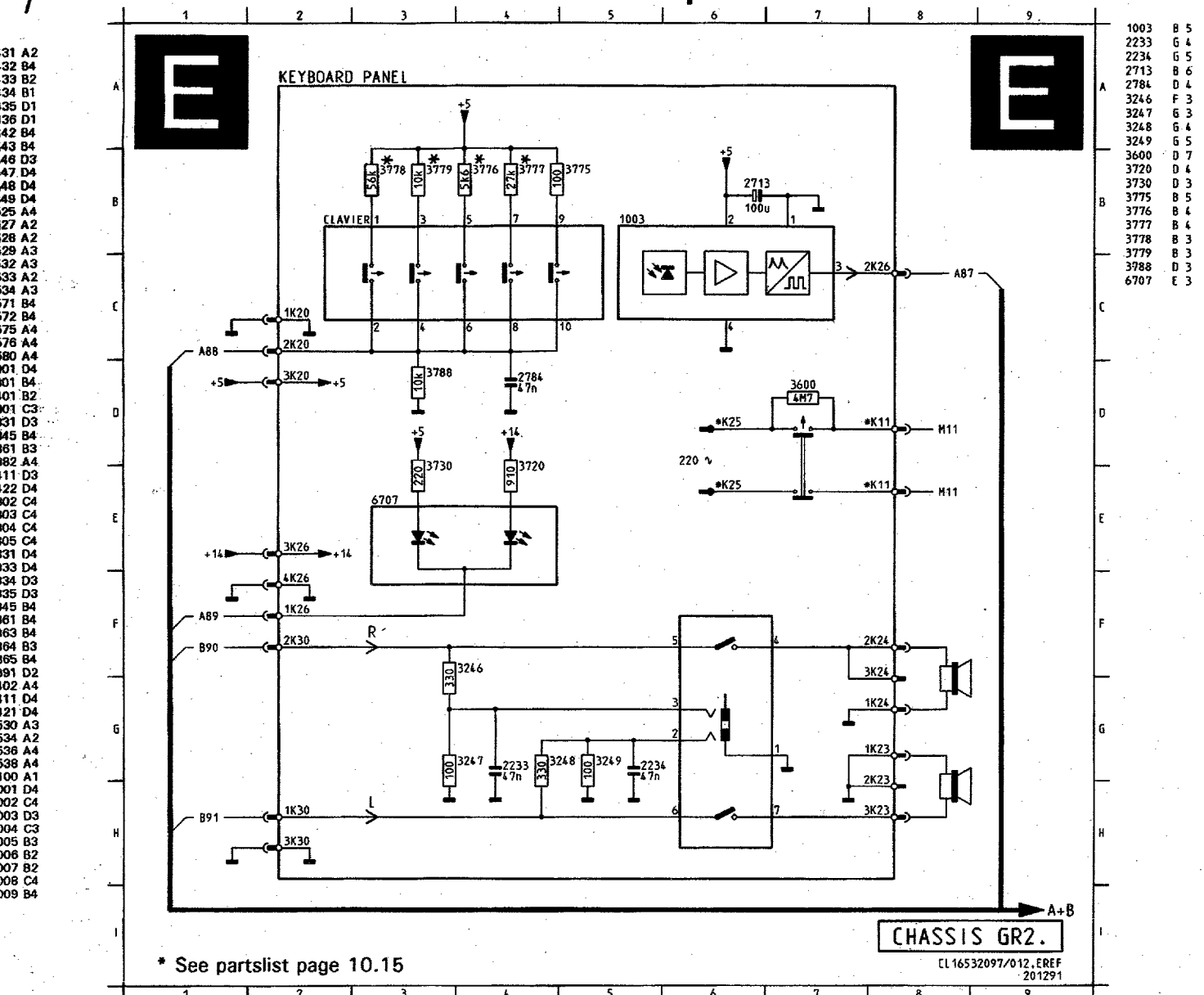
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| C20 B4 | 3374 C1 | 5401 A1 |
| C21 B1 | 3375 C3 | 5530 C2 |
| C22 C1 | 3376 C3 | 6301 B2 |
| 2301 B3 | 3382 A4 | 6331 A2 |
| 2331 A3 | 3383 A2 | 6345 B4 |
| 2344 A4 | 3384 A1 | 6361 C2 |
| 2361 B4 | 3385 A2 | 6382 B4 |
| 2391 A1 | 3391 A2 | 6411 A3 |
| 2392 A2 | 3392 B4 | 6421 A3 |
| 2411 A3 | 3395 A4 | 6422 B4 |
| 2412 A4 | 3396 A3 | 6518 B4 |
| 2421 A4 | 3397 B3 | 6519 C4 |
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| 2433 C1 | 3413 A3 | 7304 B2 |
| 2434 C2 | 3414 A4 | 7305 B2 |
| 2520 C4 | 3415 A3 | 7331 A3 |
| 2521 C1 | 3421 A4 | 7333 A4 |
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| 2523 C3 | 3423 A4 | 7335 A2 |
| 2526 C1 | 3424 A4 | 7345 B4 |
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| 2531 C2 | 3432 C4 | 7363 C4 |
| 2532 C2 | 3433 A1 | 7364 C2 |
| 2533 C3 | 3434 C1 | 7365 C3 |
| 3301 B3 | 3435 B1 | 7383 A4 |
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| 3305 C2 | 3446 A2 | 7421 A4 |
| 3309 B3 | 3447 A4 | 7530 C2 |
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| 3333 A4 | 3526 C1 | 9004 B3 |
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| 3344 A2 | 3533 C2 | 9530 C3 |
| 3345 B4 | 3534 C3 | |
| 3361 B4 | 3536 C4 | |
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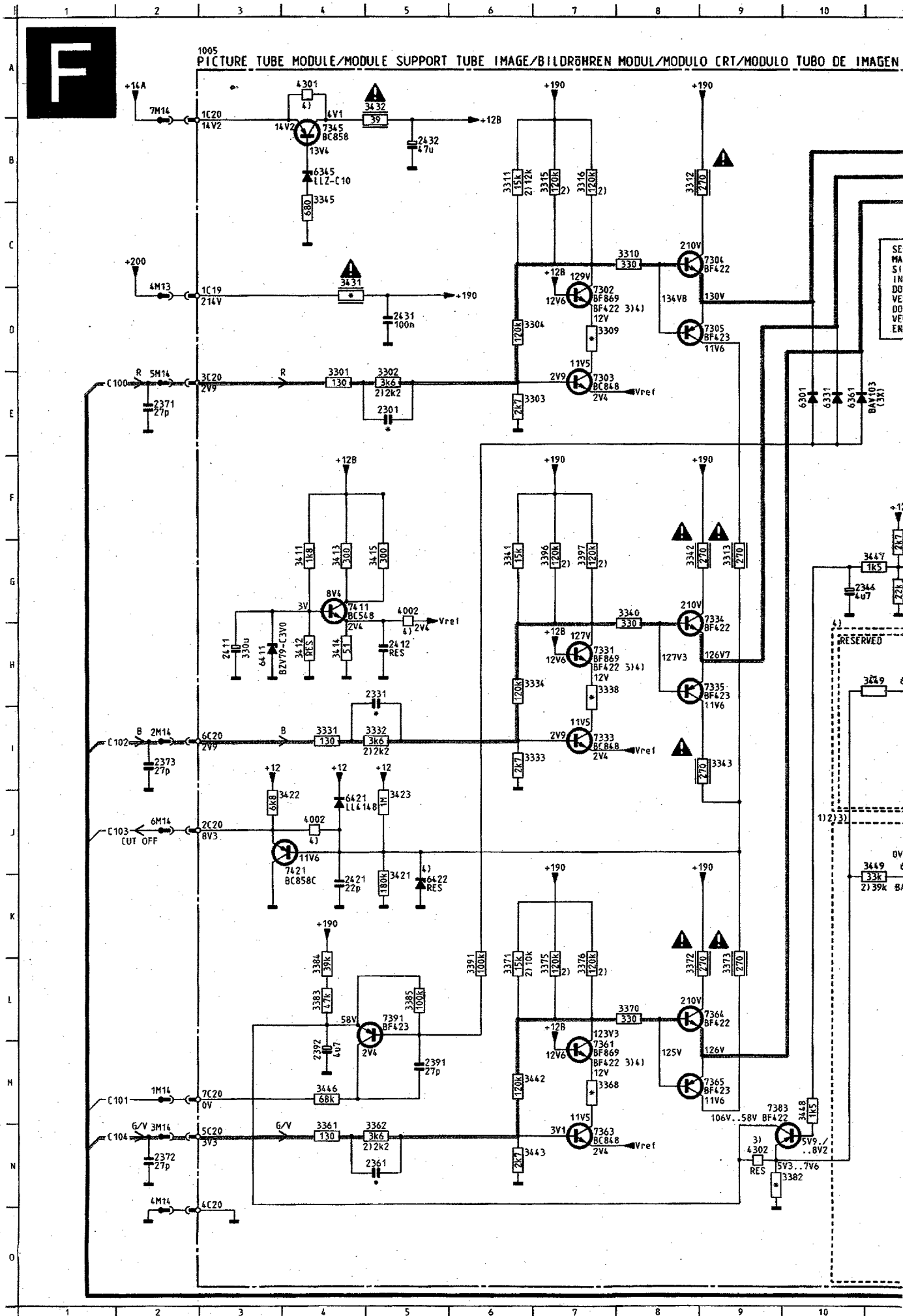
Module
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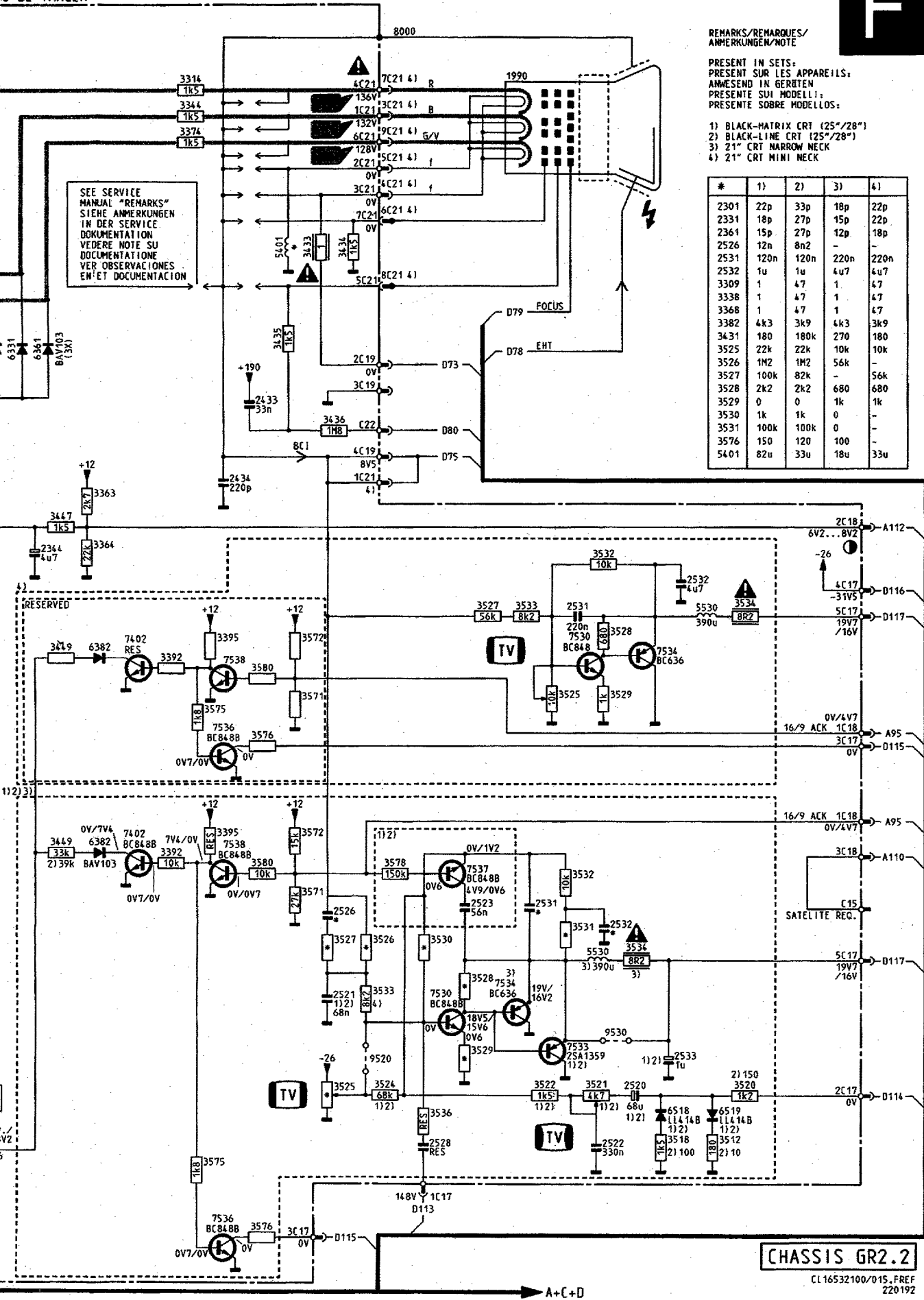
Mains module
Netzteil
Module secteur



Separate Controlo/Separate Bedienung/ Commande séparée







F

REMARKS/REMARQUES/
ANMERKUNGEN/NOTE

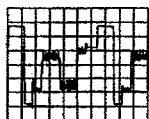
PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELOS:

- 1) BLACK-MATRIX CRT (25"/28")
- 2) BLACK-LINE CRT (25"/28")
- 3) 21" CRT NARROW NECK
- 4) 21" CRT MINI NECK

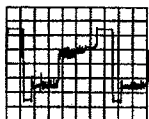
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| 2331 | 18p | 27p | 15p | 22p |
| 2361 | 15p | 27p | 12p | 18p |
| 2526 | 12n | 8n2 | - | - |
| 2531 | 120n | 120n | 220n | 220n |
| 2532 | 1u | 1u | 4u7 | 4u7 |
| 3309 | 1 | 47 | 1 | 47 |
| 3338 | 1 | 47 | 1 | 47 |
| 3368 | 1 | 47 | 1 | 47 |
| 3382 | 4k3 | 3k9 | 4k3 | 3k9 |
| 3431 | 180 | 180k | 270 | 180 |
| 3525 | 22k | 22k | 10k | 10k |
| 3526 | 1M2 | 1M2 | 56k | - |
| 3527 | 100k | 82k | - | 56k |
| 3528 | 2k2 | 2K2 | 680 | 680 |
| 3529 | 0 | 0 | 1k | 1k |
| 3530 | 1k | 1k | 0 | - |
| 3531 | 100k | 100k | 0 | - |
| 3576 | 150 | 120 | 100 | - |
| 5401 | 82u | 33u | 18u | 33u |

| | | | | |
|--|------|-----|------|---|
| | 1005 | A 2 | 3534 | H |
| | 1990 | B16 | 3534 | L |
| | 2301 | E 5 | 3536 | M |
| | 2331 | H 5 | 3571 | I |
| | 2334 | G10 | 3571 | K |
| | 2361 | N 5 | 3572 | H |
| | 2371 | E 2 | 3572 | J |
| | 2372 | N 2 | 3575 | I |
| | 2373 | I 2 | 3575 | N |
| | 2391 | M 5 | 3576 | H |
| | 2392 | M 4 | 3576 | K |
| | 2411 | H 3 | 3578 | K |
| | 2412 | M 5 | 3580 | H |
| | 2421 | K 4 | 3580 | K |
| | 2431 | D 5 | 4002 | L |
| | 2432 | B 5 | 4002 | G |
| | 2433 | E13 | 4301 | A |
| | 2434 | F13 | 4301 | N |
| | 2520 | M17 | 5401 | I |
| | 2521 | L14 | 5530 | H |
| | 2522 | N17 | 5530 | L |
| | 2523 | K15 | 6301 | E |
| | 2526 | K14 | 6331 | E |
| | 2528 | M15 | 6331 | B |
| | 2531 | H16 | 6361 | E |
| | 2531 | K16 | 6382 | H |
| | 2532 | G18 | 6382 | J |
| | 2532 | K17 | 6411 | H |
| | 3301 | E 4 | 6421 | J |
| | 3302 | E 5 | 6422 | K |
| | 3303 | E 6 | 6518 | N |
| | 3304 | D 6 | 6519 | I |
| | 3309 | D 7 | 7302 | C |
| | 3310 | C 8 | 7303 | C |
| | 3311 | B 6 | 7304 | E |
| | 3312 | B 8 | 7305 | E |
| | 3313 | G 9 | 7331 | I |
| | 3314 | B12 | 7333 | H |
| | 3315 | B 7 | 7334 | I |
| | 3316 | B 7 | 7335 | H |
| | 3331 | I 4 | 7345 | B |
| | 3332 | I 5 | 7361 | M |
| | 3333 | I 6 | 7363 | L |
| | 3334 | H 6 | 7364 | N |
| | 3338 | H 7 | 7365 | L |
| | 3340 | G 8 | 7383 | M |
| | 3341 | G 6 | 7391 | M |
| | 3342 | G 8 | 7402 | H |
| | 3343 | I 9 | 7402 | J |
| | 3344 | B12 | 7411 | G |
| | 3345 | B 4 | 7421 | J |
| | 3361 | N 4 | 7530 | H |
| | 3362 | N 5 | 7530 | J |
| | 3363 | F11 | 7533 | M |
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| | 3371 | L 6 | 7536 | K |
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| | 3376 | L 7 | | |
| | 3382 | N 9 | | |
| | 3383 | L 4 | | |
| | 3384 | L 4 | | |
| | 3385 | L 5 | | |
| | 3391 | L 6 | | |
| | 3392 | K12 | | |
| | 3392 | H12 | | |
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| | 3395 | G12 | | |
| | 3396 | J 7 | | |
| | 3397 | G 7 | | |
| | 3411 | G 4 | | |
| | 3412 | H 4 | | |
| | 3413 | G 4 | | |
| | 3414 | H 4 | | |
| | 3415 | G 5 | | |
| | 3421 | J 5 | | |
| | 3422 | J 3 | | |
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| | 3432 | A 5 | | |
| | 3433 | D13 | | |
| | 3434 | D14 | | |
| | 3435 | E13 | | |
| | 3436 | F14 | | |
| | 3442 | H 6 | | |
| | 3443 | N 6 | | |
| | 3446 | H 4 | | |
| | 3447 | G11 | | |
| | 3448 | M10 | | |
| | 3449 | H11 | | |
| | 3449 | J11 | | |
| | 3512 | N18 | | |
| | 3518 | N18 | | |
| | 3520 | M18 | | |
| | 3521 | M17 | | |
| | 3522 | M16 | | |
| | 3524 | M14 | | |
| | 3525 | I16 | | |
| | 3525 | M14 | | |
| | 3526 | K15 | | |
| | 3527 | H15 | | |
| | 3527 | K14 | | |
| | 3528 | H17 | | |
| | 3528 | L15 | | |
| | 3529 | I17 | | |
| | 3530 | K15 | | |
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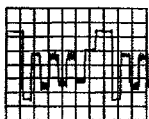
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 29 M15
 30 K15
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 32 K16
 33 H16
 33 L14



TP 51
 130 V_{pp}
 115 V_{pp} for 21"



TP 52
 120 V_{pp}
 115 V_{pp} for 21"



TP 53
 120 V_{pp}
 110 V_{pp} for 21"

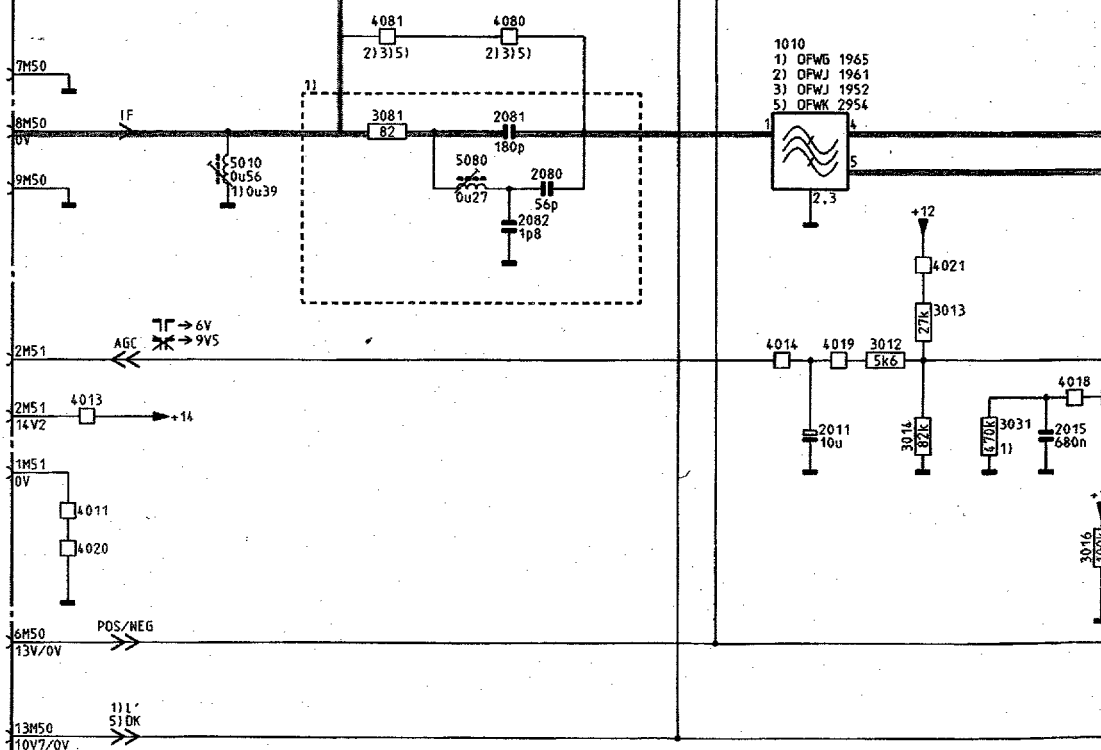
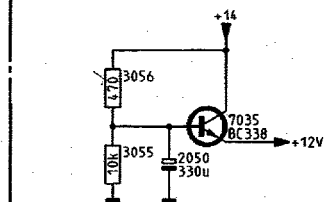
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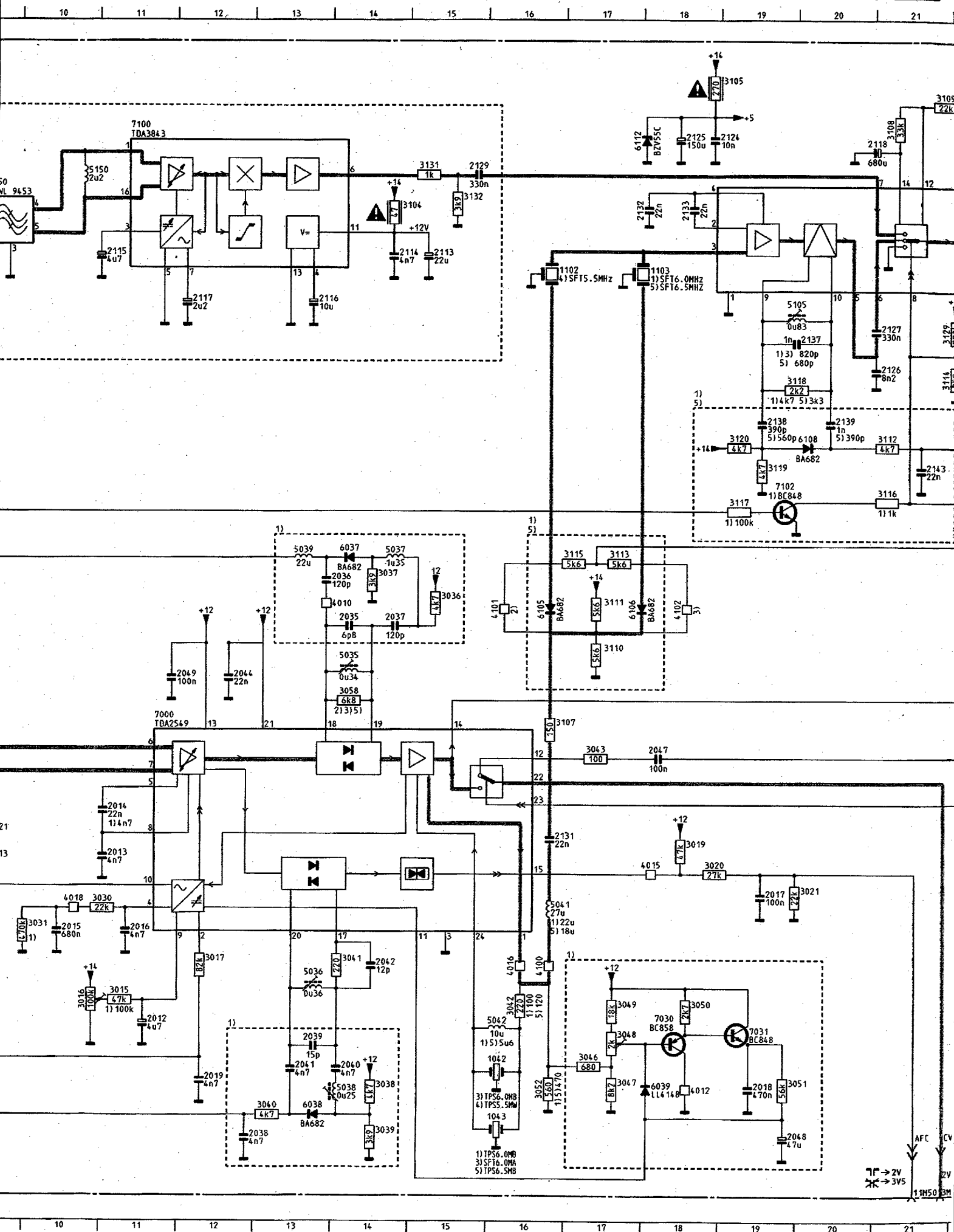
MONO IF/SOUND MODULE
MODULO IF/AUDIO MONO
MODULO SONIDO MONO FI

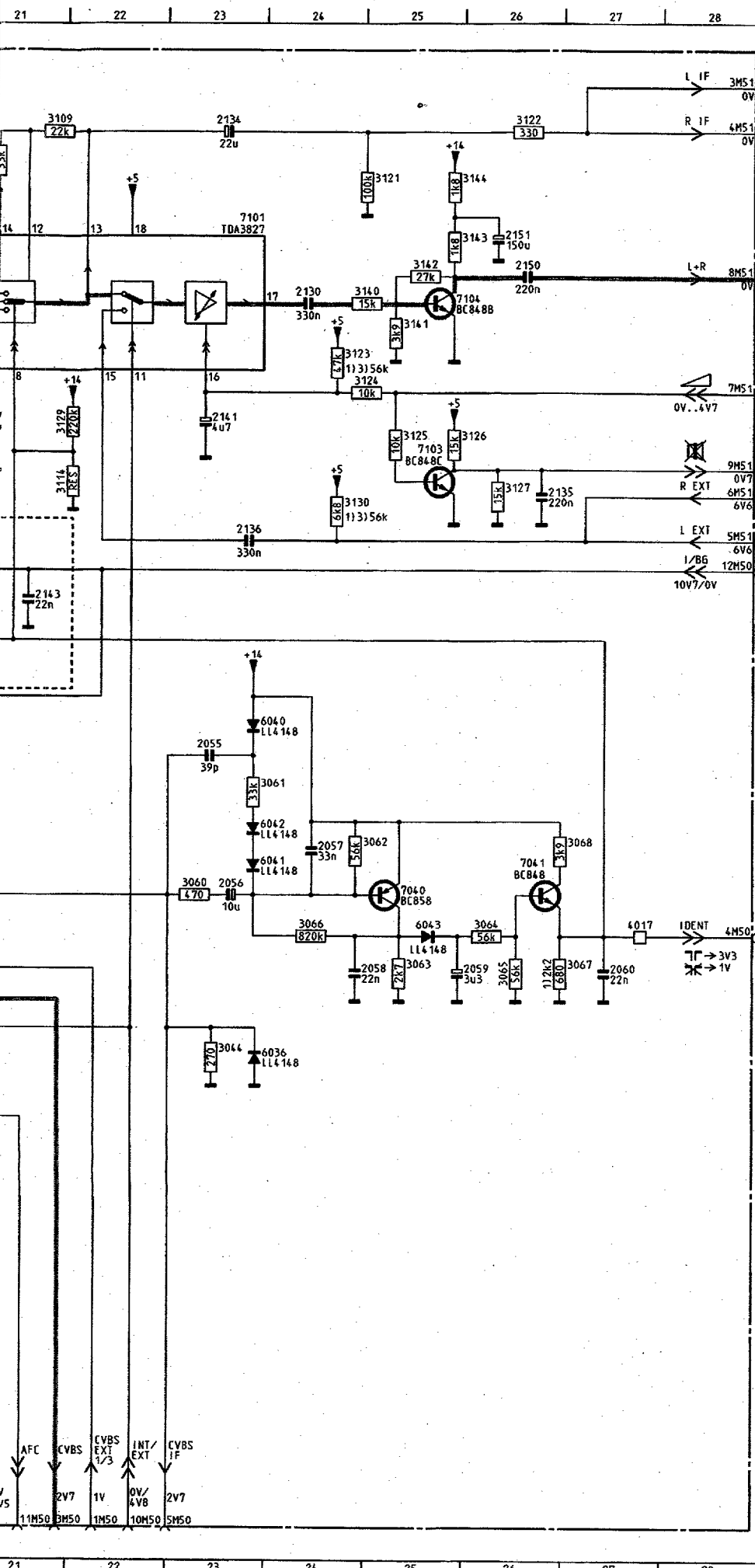
REMARKS/REMARQUES/ANMERKUNGEN/NOTE

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PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELOS:

- 1) MULTI-SYSTEM
2) SINGLE-SYSTEM
3) UK
4) NON UK
5) MULTI-SYSTEM DK





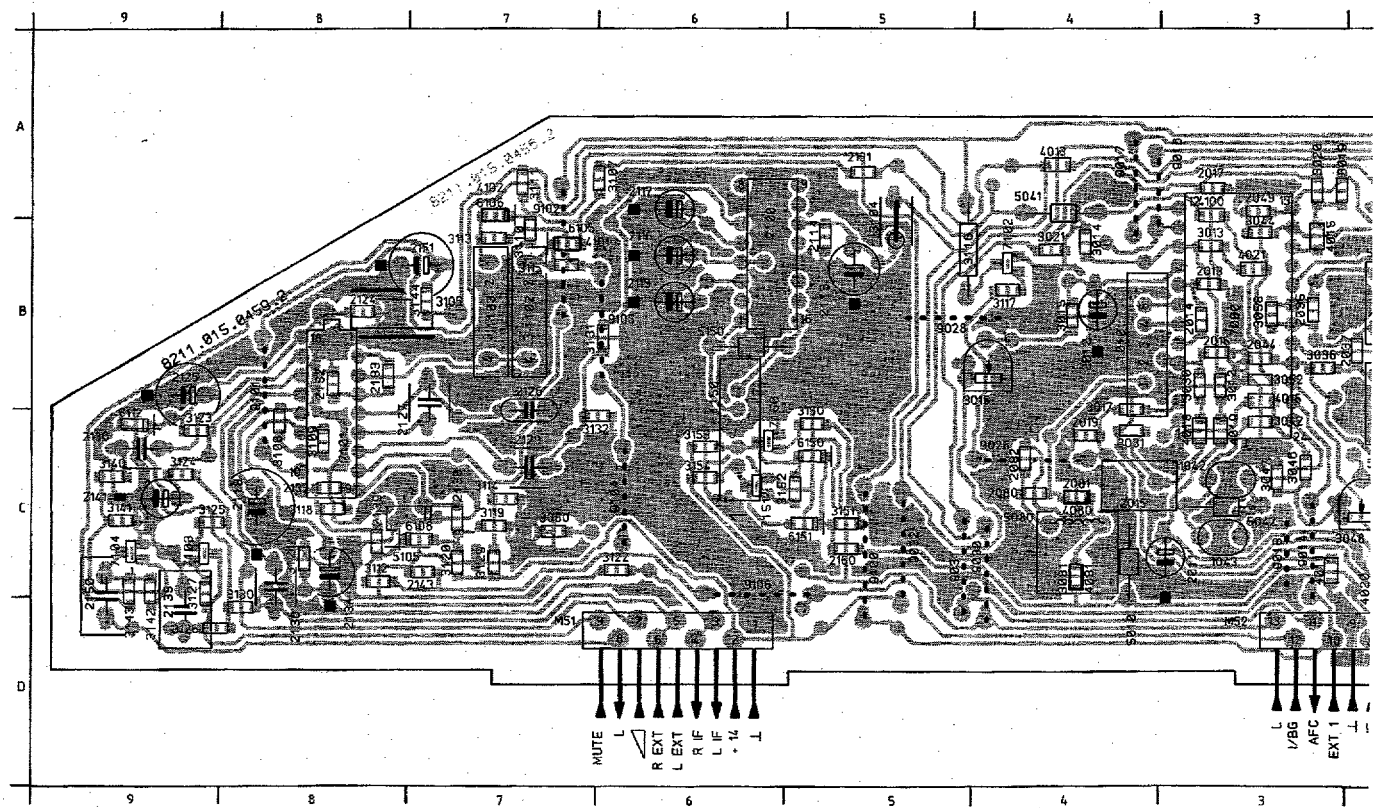


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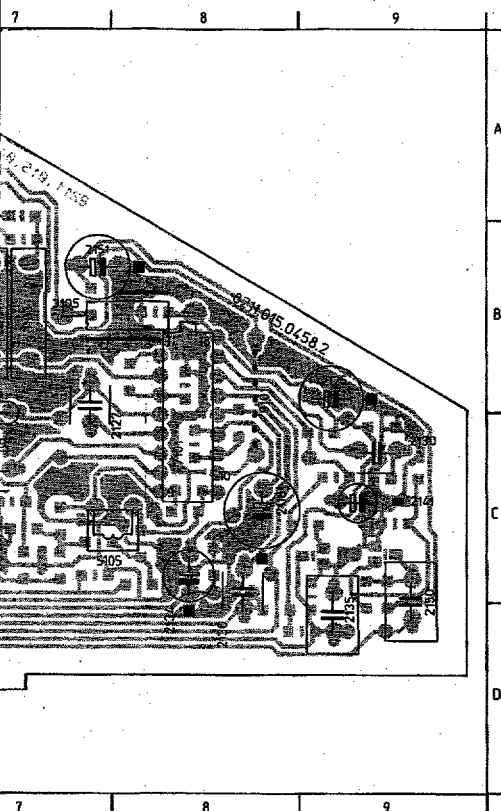
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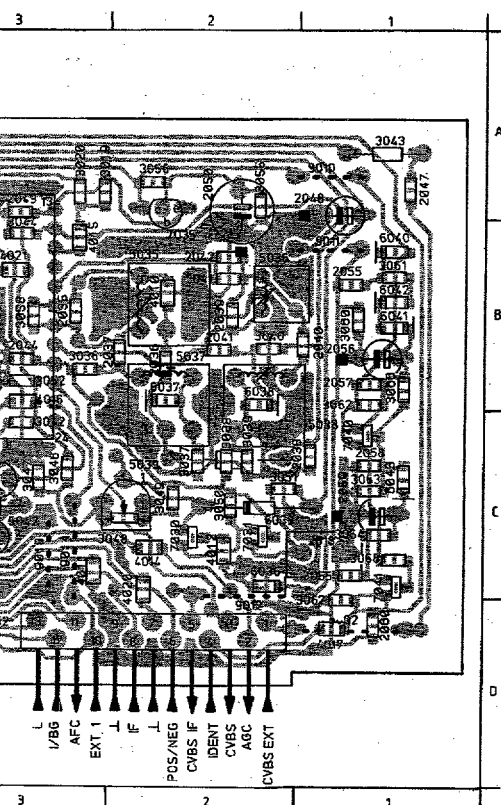
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| 1150 | B 9 | 3123 | D24 |
| 2011 | L 8 | 3124 | D24 |
| 2012 | M11 | 3125 | D25 |
| 2013 | K11 | 3126 | D25 |
| 2014 | J11 | 3127 | E26 |
| 2015 | L10 | 3129 | D21 |
| 2016 | L11 | 3130 | E24 |
| 2017 | L19 | 3131 | B15 |
| 2018 | N19 | 3132 | C15 |
| 2019 | N12 | 3140 | C24 |
| 2035 | H14 | 3141 | C25 |
| 2036 | G13 | 3142 | C25 |
| 2037 | H14 | 3143 | B25 |
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| 2039 | M13 | 3150 | D 7 |
| 2040 | N14 | 3151 | C 6 |
| 2041 | N13 | 3152 | D 8 |
| 2042 | L14 | 3153 | B 8 |
| 2044 | I12 | 3154 | B 9 |
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| 2048 | O19 | 4011 | M 2 |
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| 2125 | B18 | 5038 | N14 |
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| 2137 | D20 | 6040 | G23 |
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| 2139 | E20 | 6042 | H23 |
| 2141 | D23 | 6043 | I25 |
| 2143 | F21 | 6105 | H16 |
| 2150 | C26 | 6106 | H17 |
| 2151 | B26 | 6108 | F20 |
| 2160 | C 6 | 6112 | B17 |
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| 3021 | K20 | 7100 | B11 |
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| 3039 | N14 | 7151 | C 8 |
| 3040 | N13 | | |
| 3041 | L14 | | |
| 3042 | M16 | | |
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| 3044 | J23 | | |
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| 3047 | N17 | | |
| 3048 | M17 | | |
| 3049 | M17 | | |
| 3050 | M18 | | |
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| 3052 | N16 | | |
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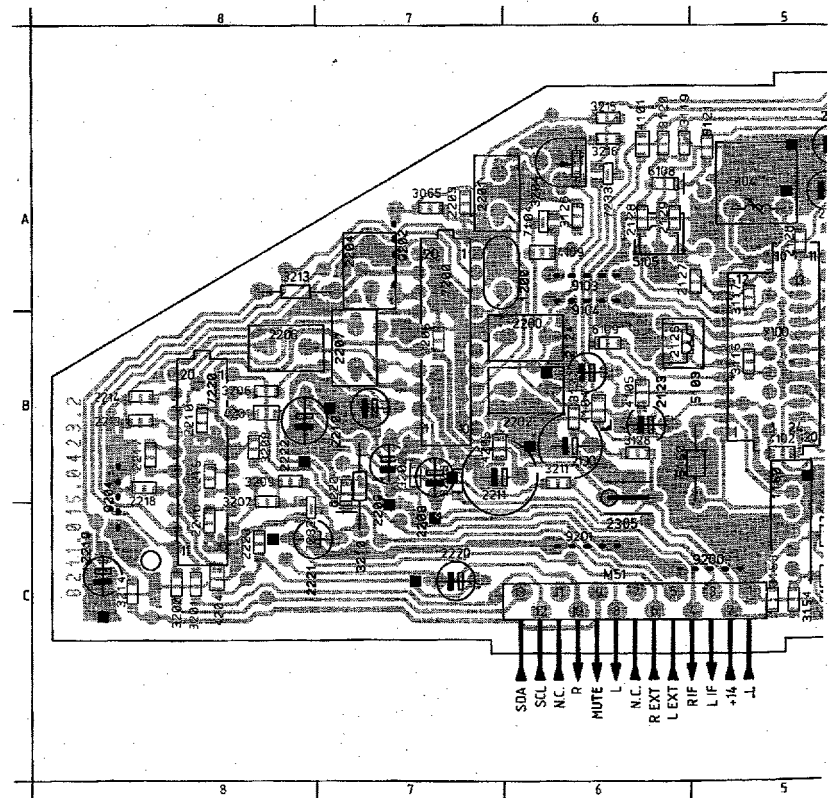
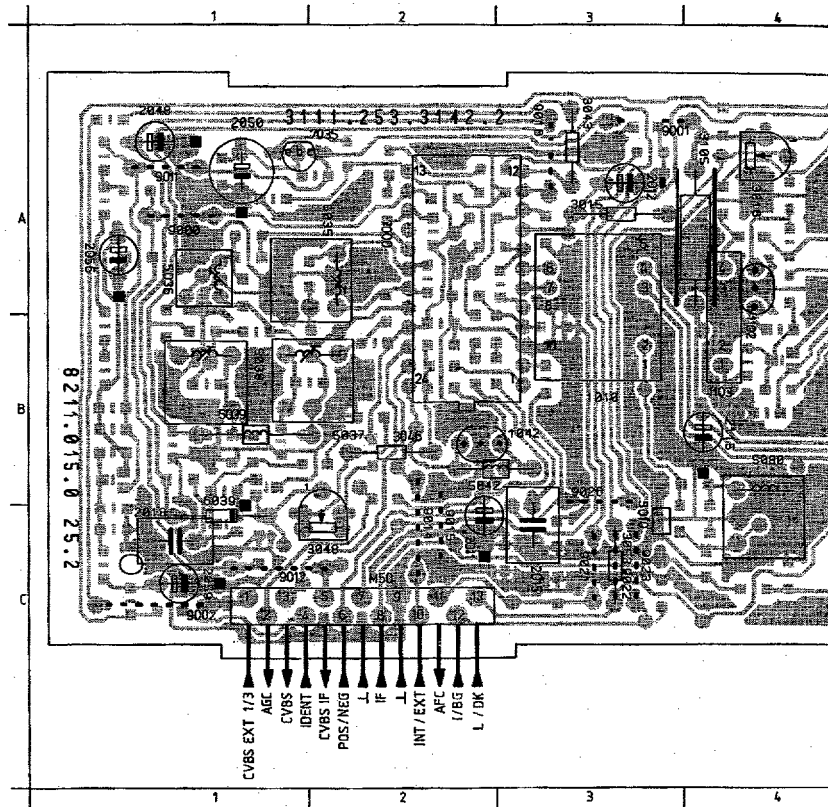


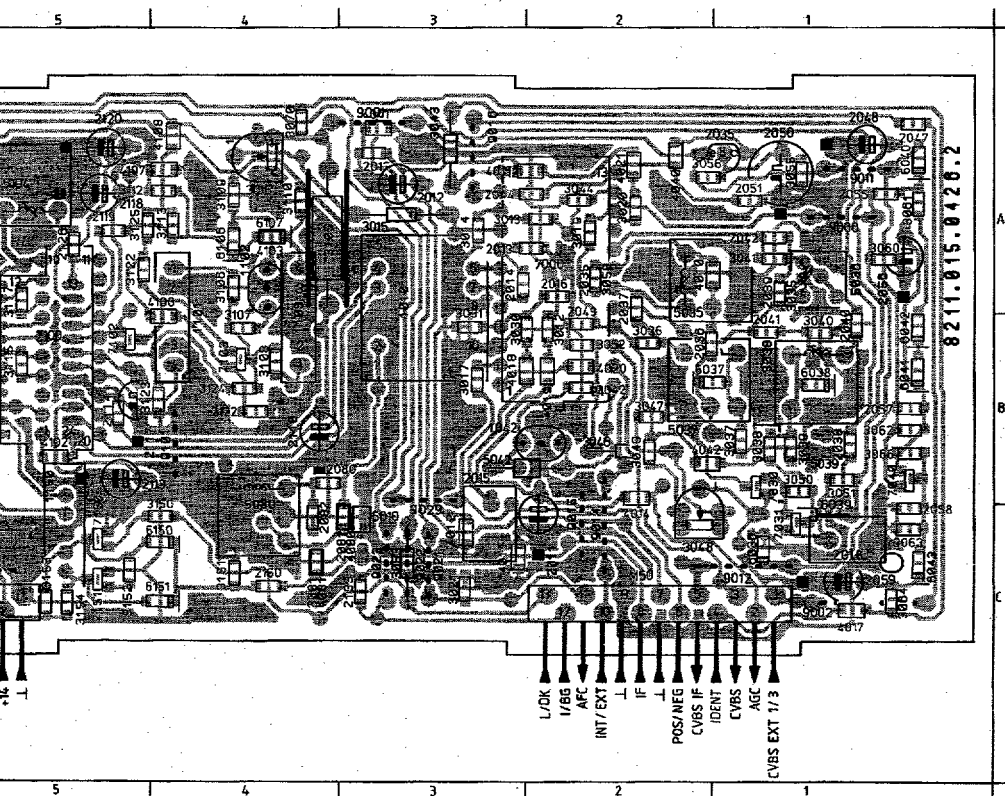
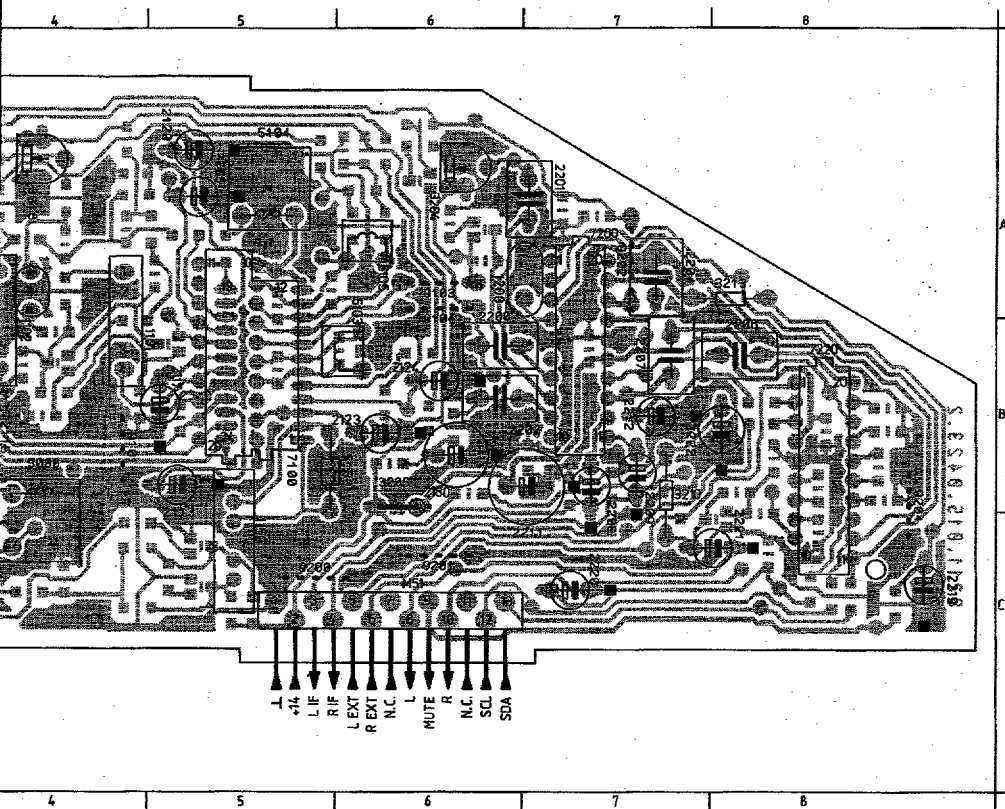
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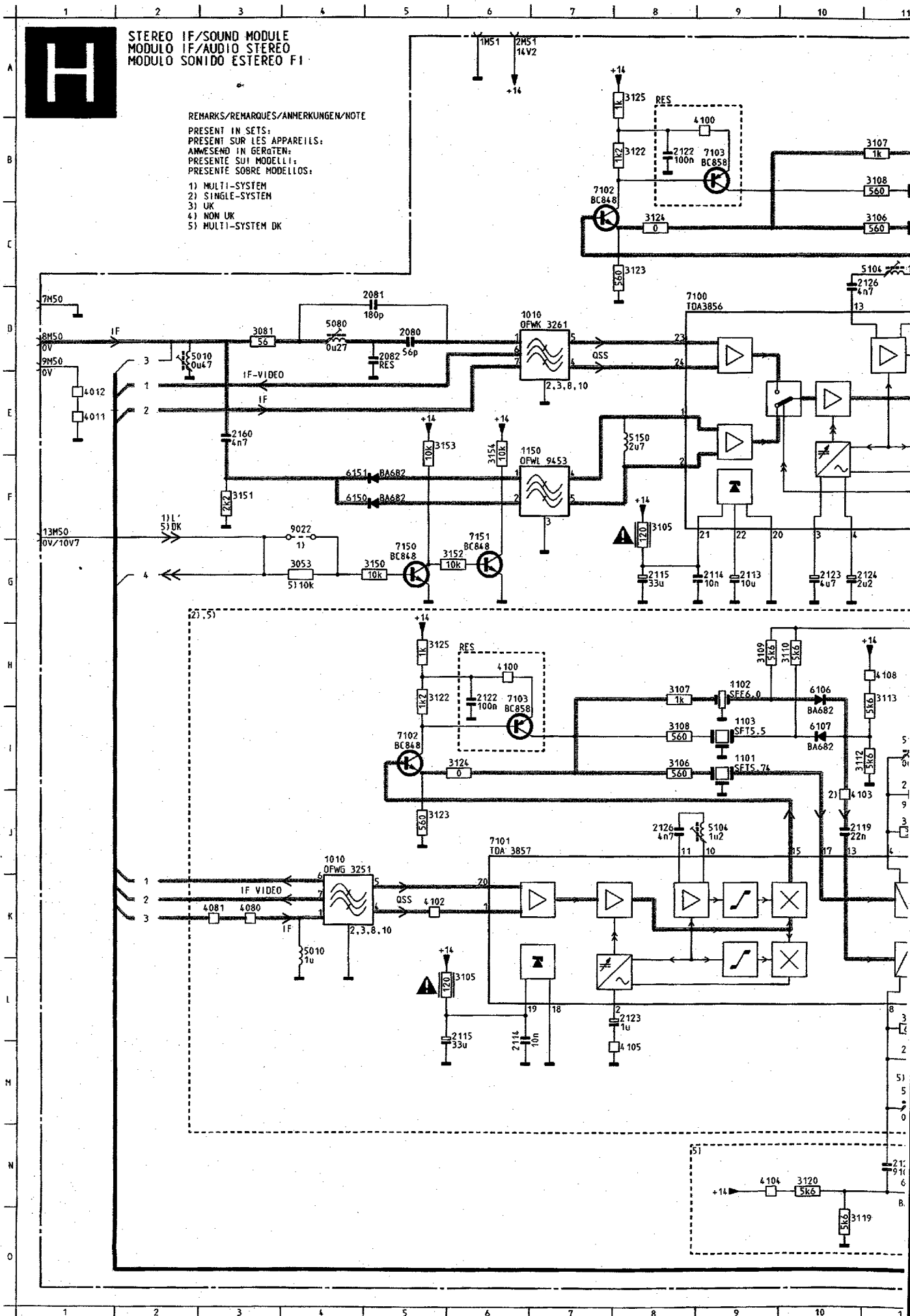


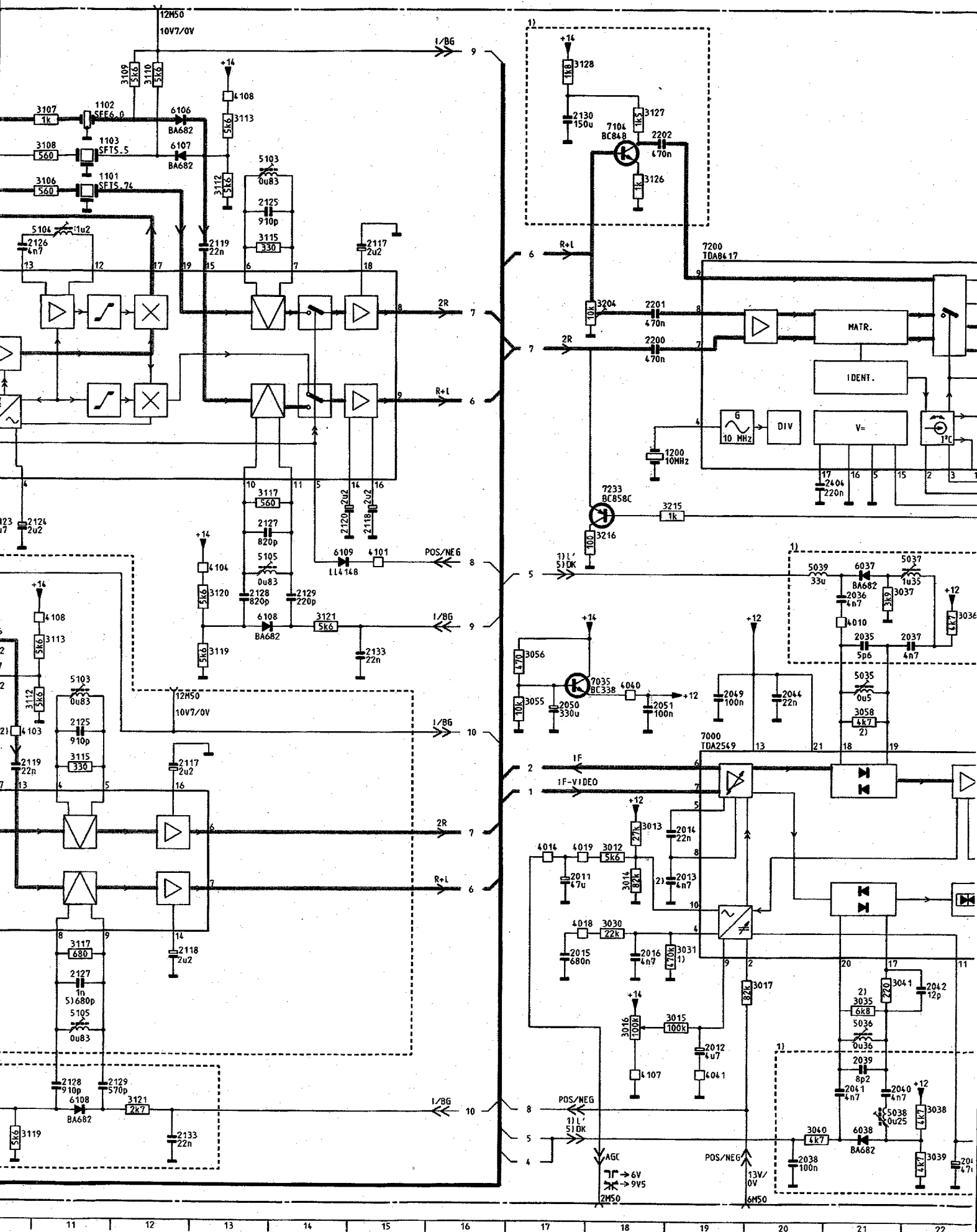
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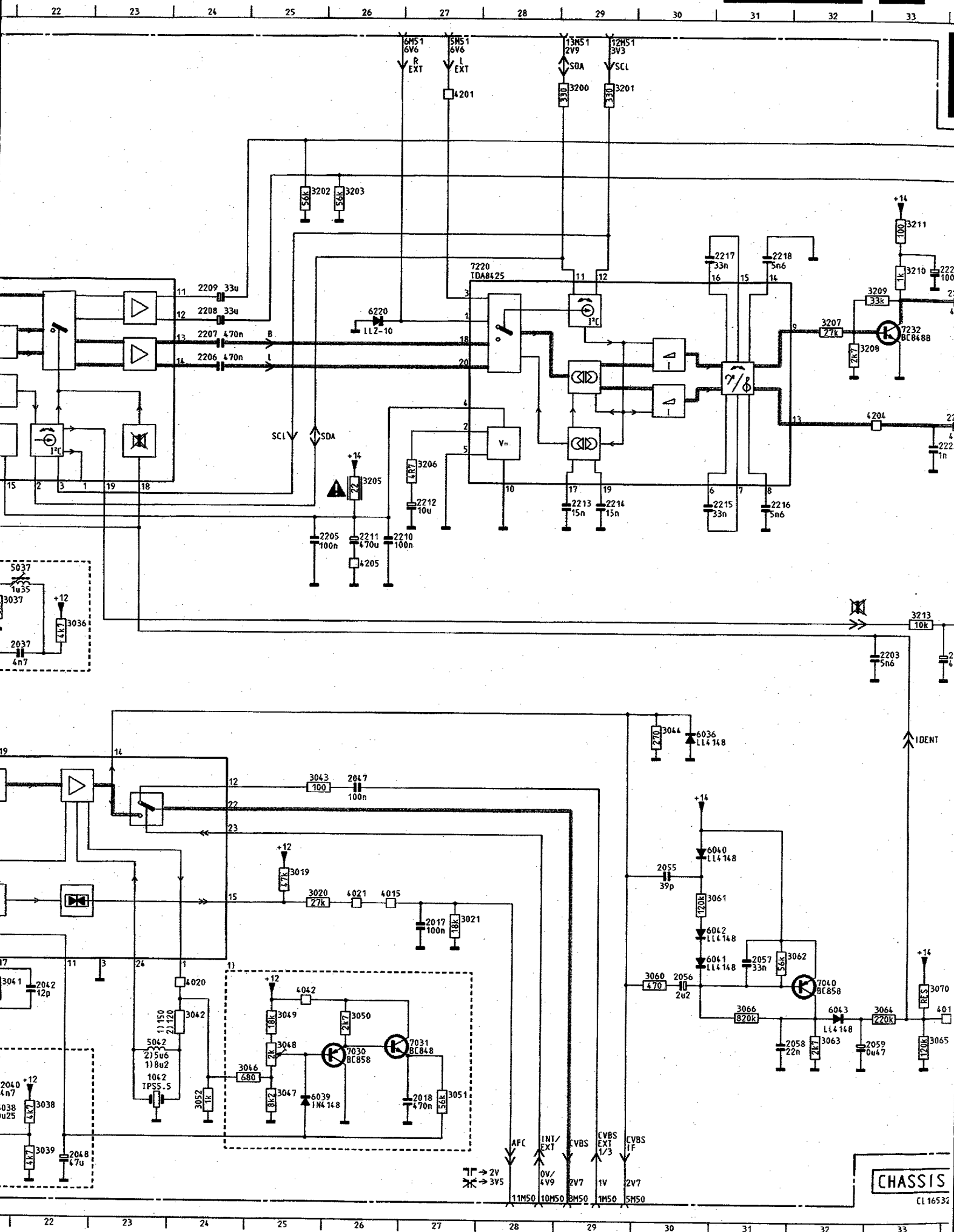
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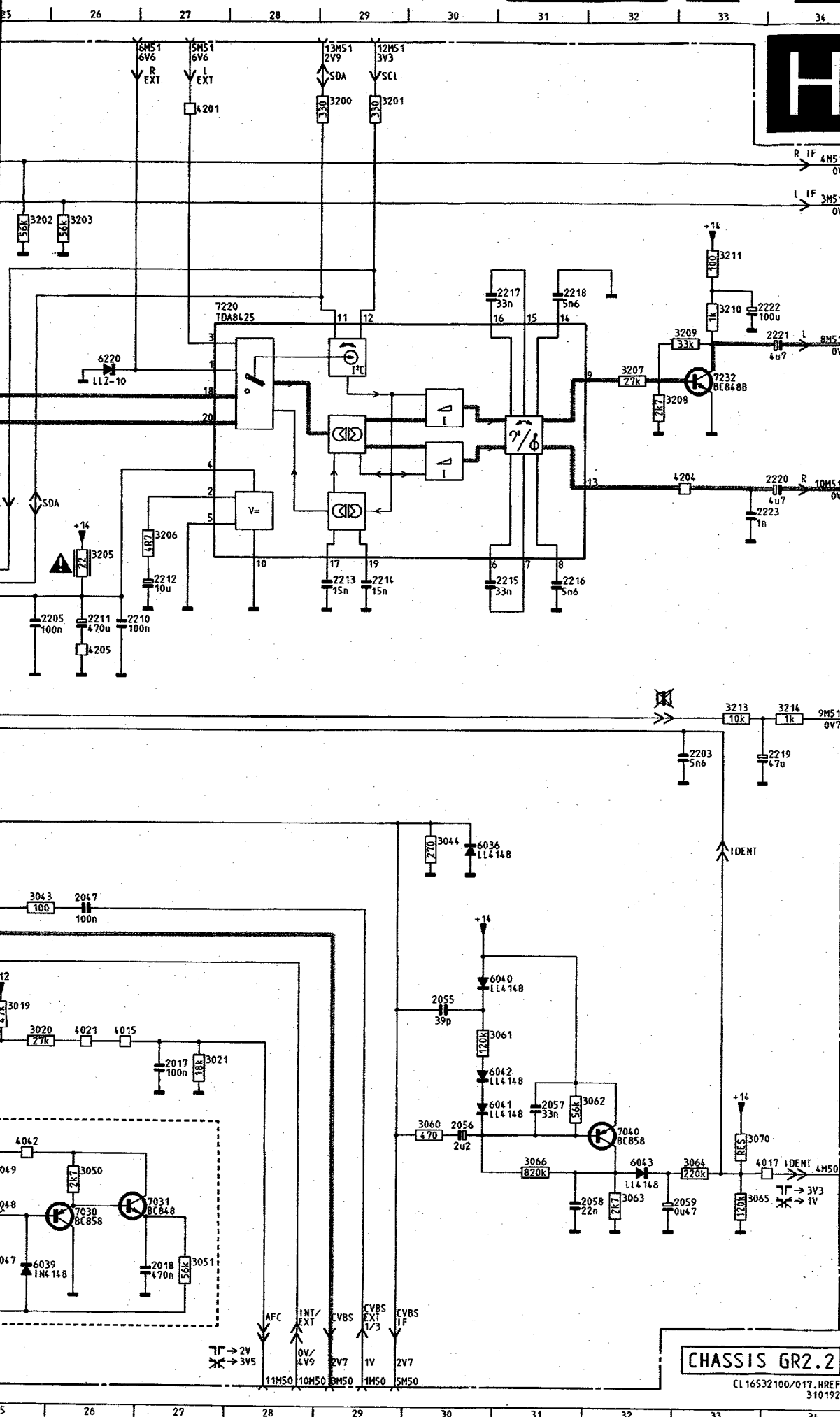
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- 3) UK
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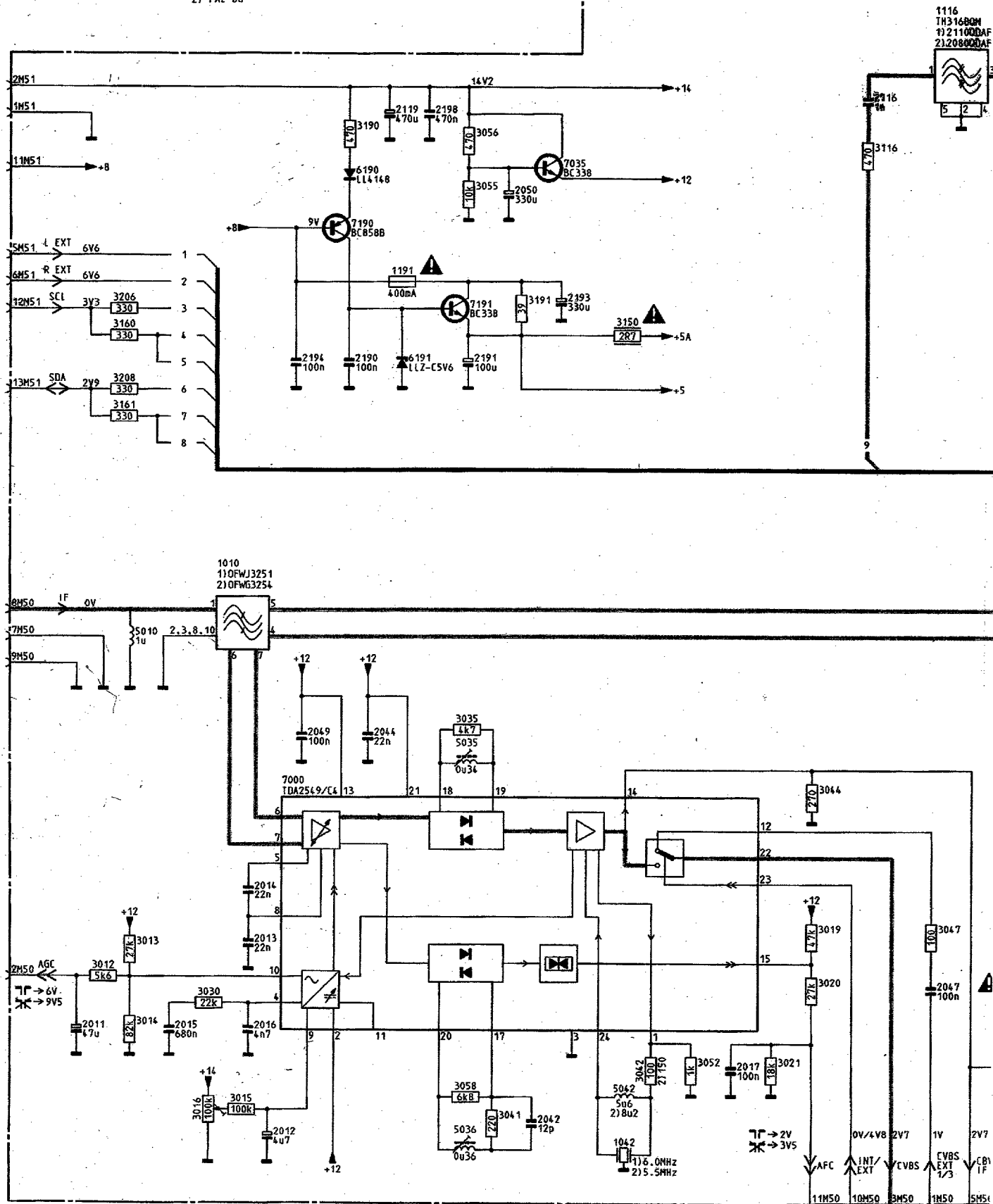


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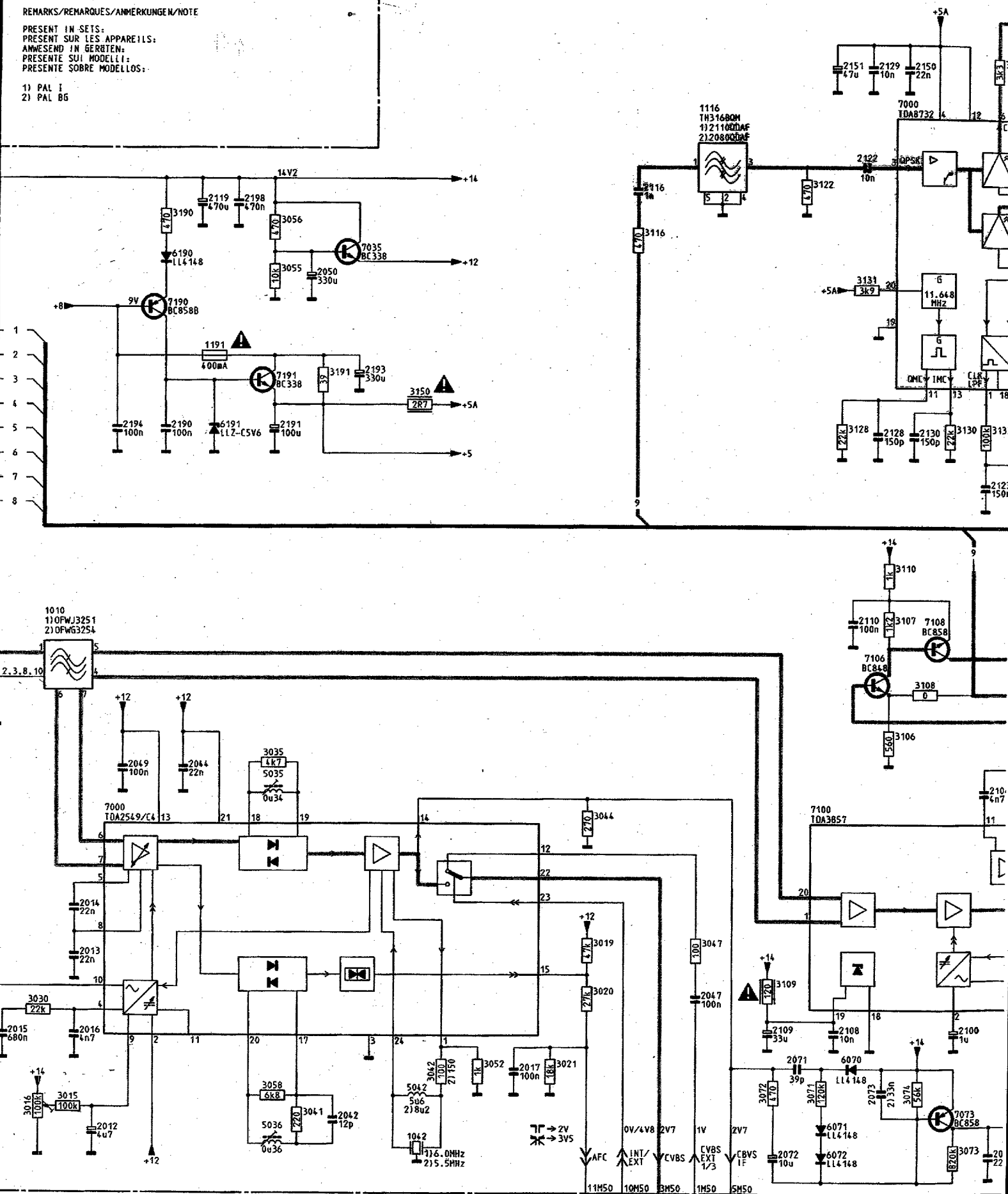
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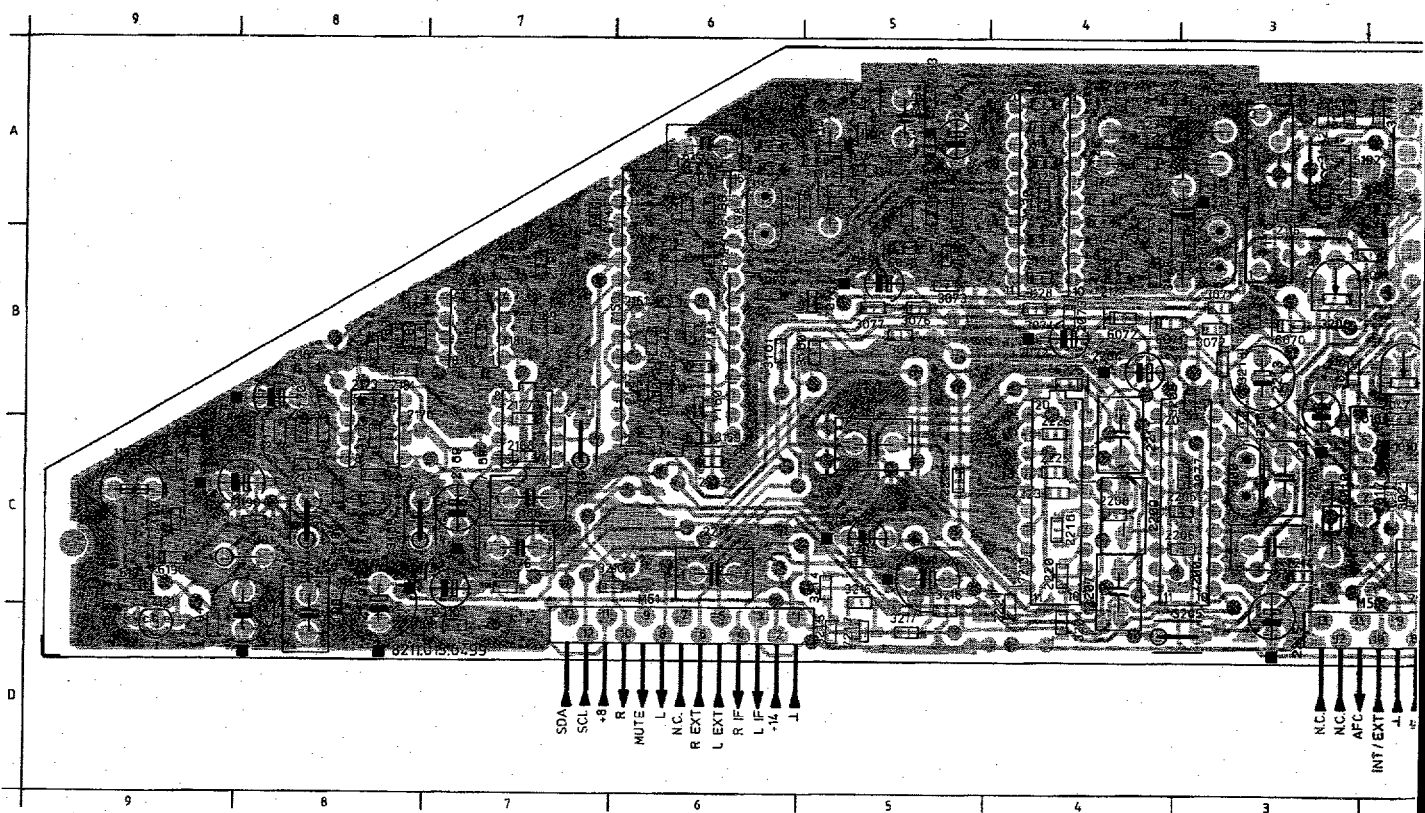
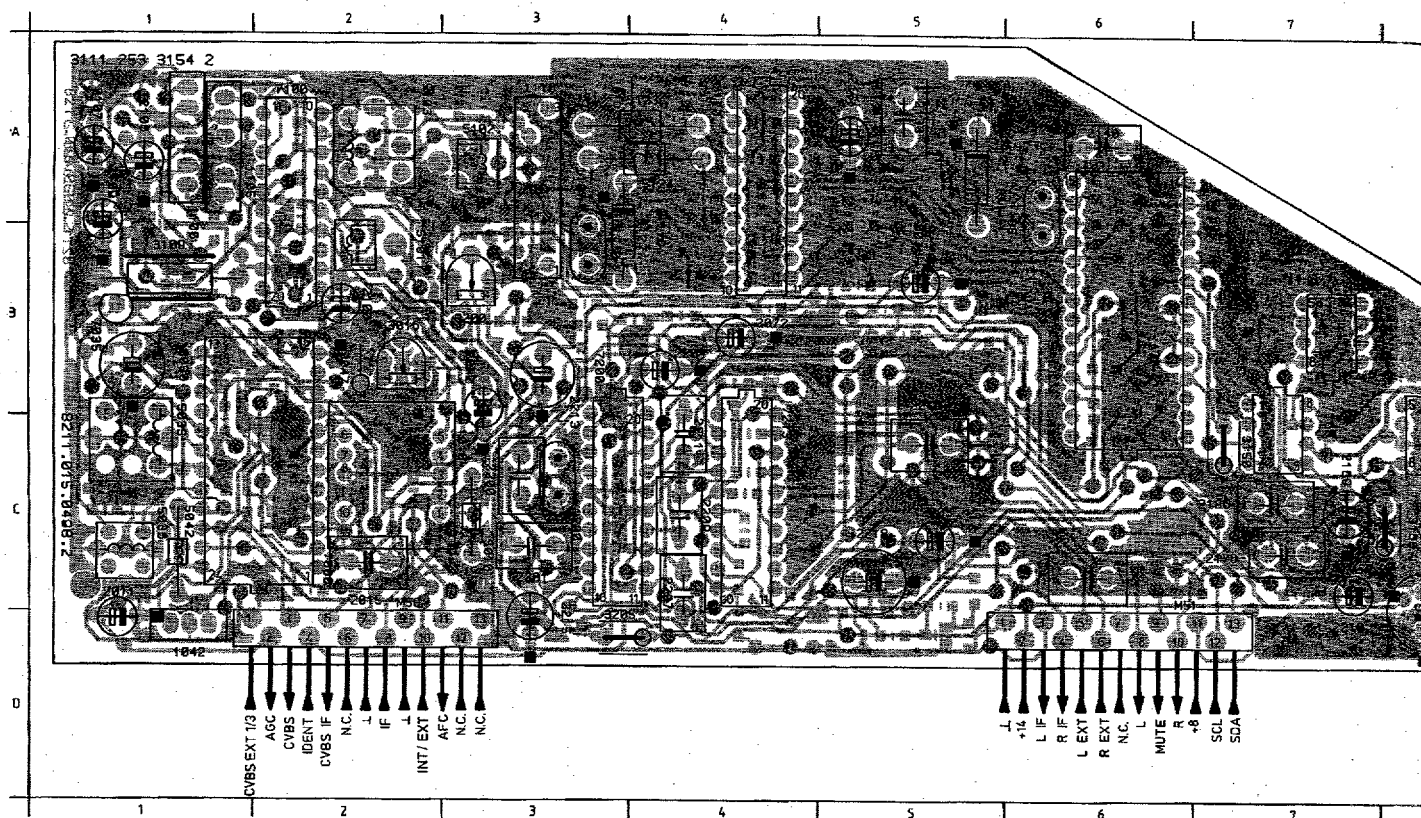
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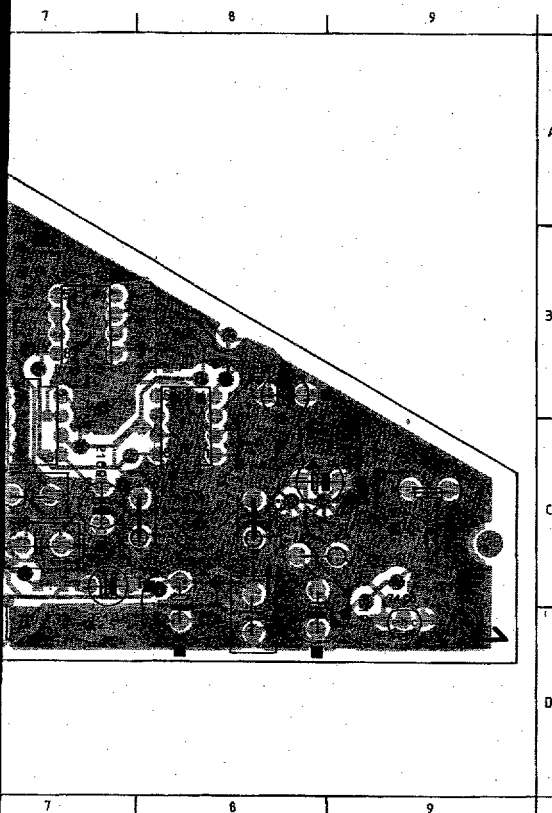




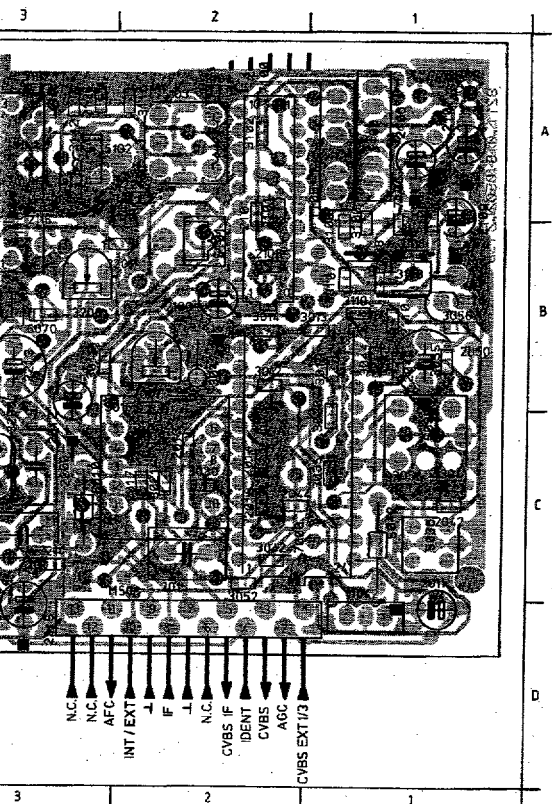
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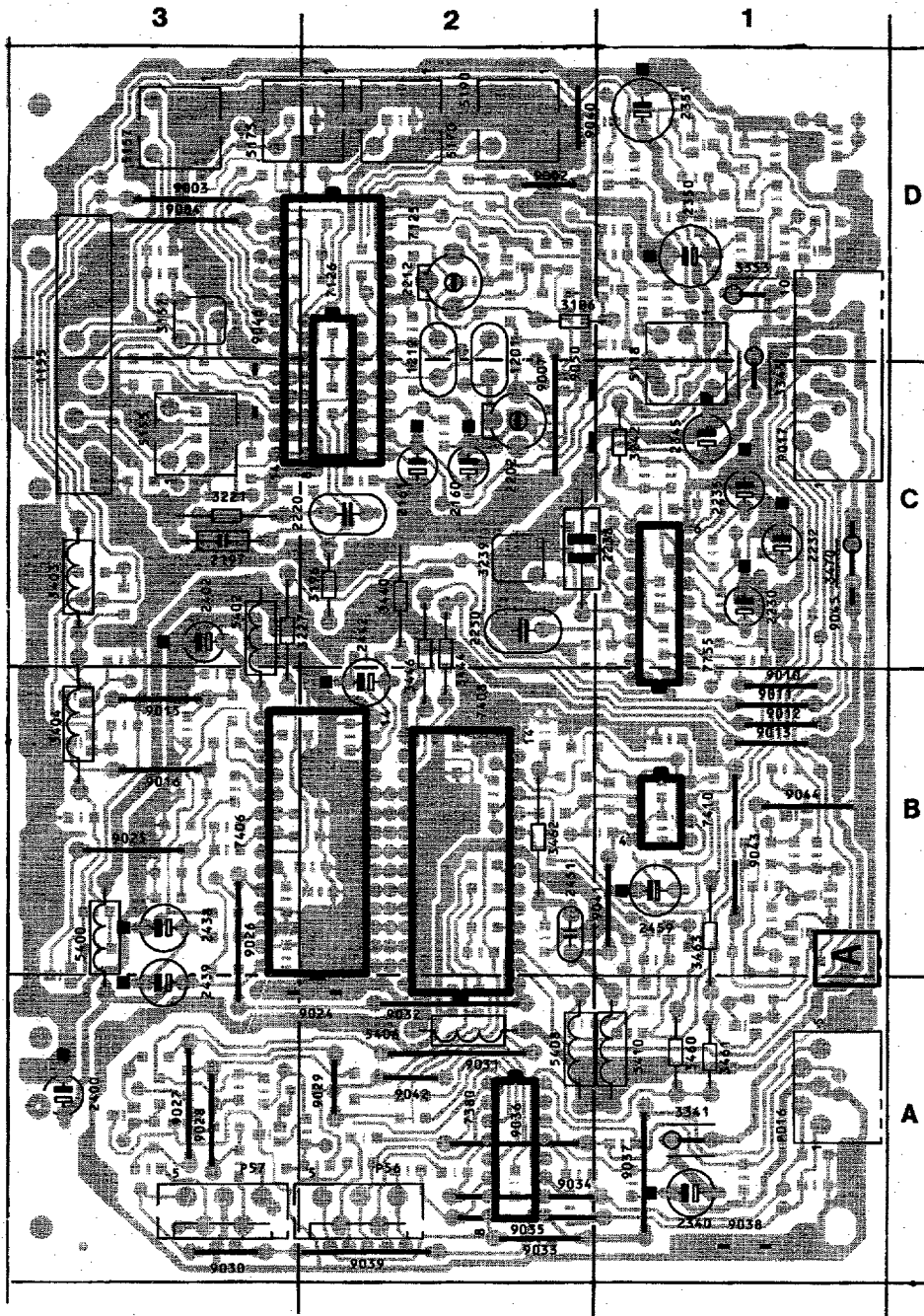
Module FI/son NICAM



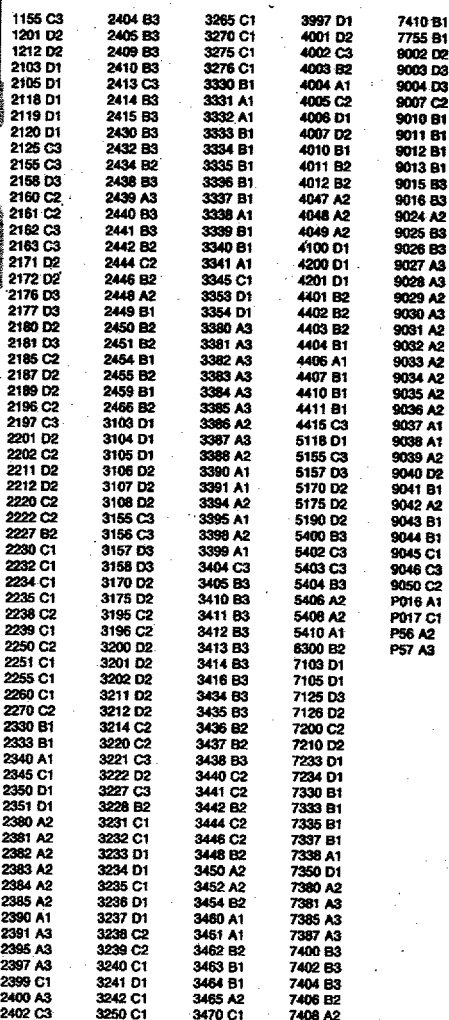
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| M51 D6 | 2221 D4 | 5103 A2 |
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| 1100 A1 | 2224 C5 | 6070 B3 |
| 1105 A1 | 2225 C4 | 6071 B4 |
| 1116 A3 | 2226 C4 | 6072 B4 |
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| 1138 B6 | 3013 B1 | 6127 B3 |
| 1191 C9 | 3014 B2 | 6134 A5 |
| 1200 C3 | 3015 B3 | 6140 A6 |
| 2011 D1 | 3016 B2 | 6190 C9 |
| 2012 C3 | 3019 B1 | 6191 C9 |
| 2013 C2 | 3020 C1 | 6225 B4 |
| 2014 C2 | 3021 C2 | 7000 C2 |
| 2015 C2 | 3030 C2 | 7035 B1 |
| 2016 C2 | 3035 C1 | 7073 B5 |
| 2017 C2 | 3041 C1 | 7078 B5 |
| 2042 C1 | 3042 C2 | 7100 B2 |
| 2044 C2 | 3044 B1 | 7106 B1 |
| 2047 C2 | 3047 B2 | 7108 B1 |
| 2049 B1 | 3052 C2 | 7120 A4 |
| 2050 B1 | 3055 B1 | 7133 A5 |
| 2071 B3 | 3056 B1 | 7150 C6 |
| 2072 B4 | 3058 C1 | 7160 C6 |
| 2073 B4 | 3071 B3 | 7161 B6 |
| 2075 A5 | 3072 B3 | 7168 B7 |
| 2076 B5 | 3073 B5 | 7170 C8 |
| 2077 C3 | 3074 B4 | 7180 B7 |
| 2100 B2 | 3075 B5 | 7190 C9 |
| 2101 B2 | 3076 B5 | 7191 D9 |
| 2102 A3 | 3077 B5 | 7200 C3 |
| 2104 A2 | 3078 B5 | 7213 C4 |
| 2106 A1 | 3079 B6 | 7217 D5 |
| 2107 A1 | 3100 B1 | |
| 2108 B2 | 3101 B2 | |
| 2109 B1 | 3102 A2 | |
| 2110 B1 | 3105 B1 | |
| 2116 A3 | 3106 B1 | |
| 2119 C8 | 3107 B1 | |
| 2122 A4 | 3108 B1 | |
| 2123 A4 | 3109 B1 | |
| 2124 A4 | 3110 B1 | |
| 2125 B4 | 3116 A2 | |
| 2126 B4 | 3122 A3 | |
| 2127 B4 | 3123 A4 | |
| 2128 B5 | 3124 B4 | |
| 2129 A4 | 3125 B4 | |
| 2130 A4 | 3127 B3 | |
| 2131 B6 | 3128 B4 | |
| 2132 A4 | 3129 B6 | |
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| 2134 A5 | 3131 A4 | |
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| 2136 A6 | 3134 A5 | |
| 2137 B6 | 3135 C9 | |
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| 2140 A6 | 3137 A5 | |
| 2141 B7 | 3138 A6 | |
| 2143 A5 | 3139 A5 | |
| 2151 A5 | 3140 A6 | |
| 2160 B6 | 3141 A3 | |
| 2161 B6 | 3142 A3 | |
| 2168 C7 | 3143 A6 | |
| 2169 C7 | 3150 C7 | |
| 2170 C8 | 3158 B6 | |
| 2171 C8 | 3159 C8 | |
| 2173 B6 | 3160 B5 | |
| 2174 C8 | 3161 B6 | |
| 2175 C8 | 3168 C8 | |
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| 2181 B6 | 3173 C8 | |
| 2183 B7 | 3177 B6 | |
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| 2185 B7 | 3181 B6 | |
| 2186 C7 | 3182 B7 | |
| 2187 B6 | 3183 B7 | |
| 2188 B6 | 3188 C9 | |
| 2189 B7 | 3190 C8 | |
| 2190 C9 | 3191 C8 | |
| 2191 C8 | 3200 B3 | |
| 2193 D8 | 3201 B2 | |
| 2194 D8 | 3202 B2 | |
| 2198 D8 | 3203 C5 | |
| 2200 C3 | 3204 D4 | |
| 2201 C3 | 3205 D3 | |
| 2202 A2 | 3206 C3 | |
| 2203 C5 | 3208 B3 | |
| 2204 B4 | 3209 C7 | |
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| 2214 C3 | 4199 B9 | |
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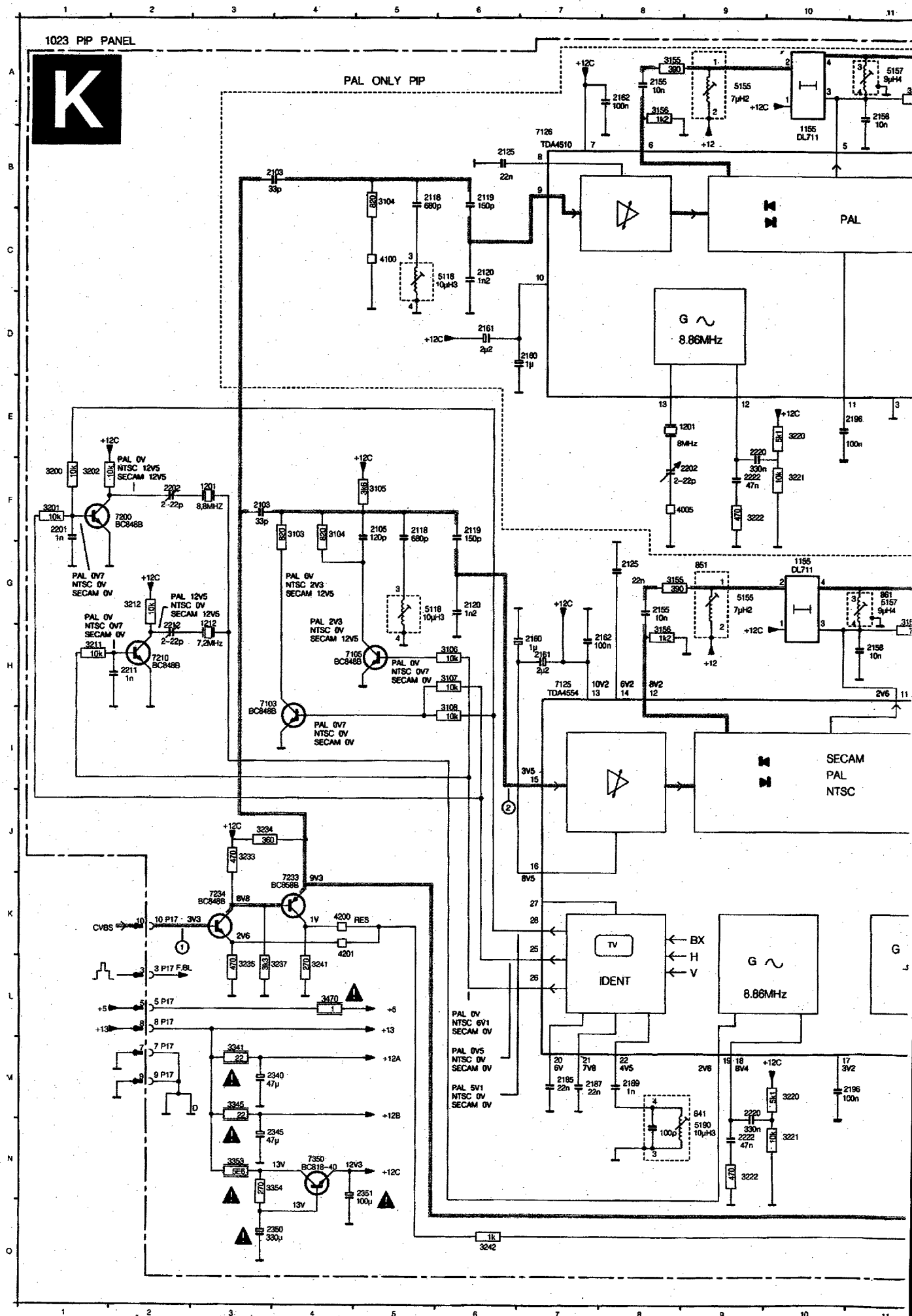


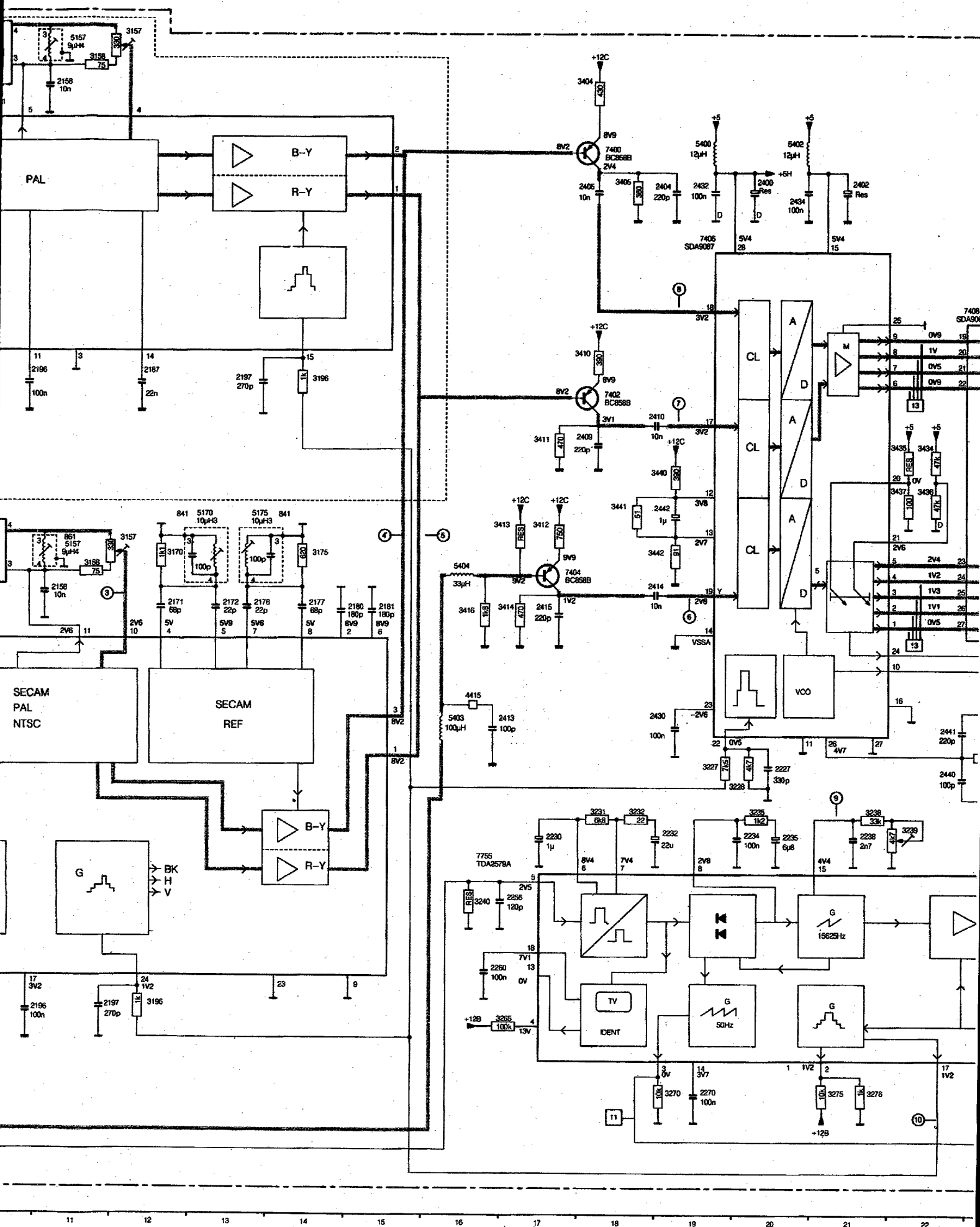
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|------------|--|--|
| N.C. | | |
| N.C. | | |
| AFC | | |
| INT/EXT | | |
| I | | |
| IF | | |
| I | | |
| N.C. | | |
| CVBS IF | | |
| IDENT | | |
| CVBS | | |
| AOC | | |
| CVBS EXT/3 | | |

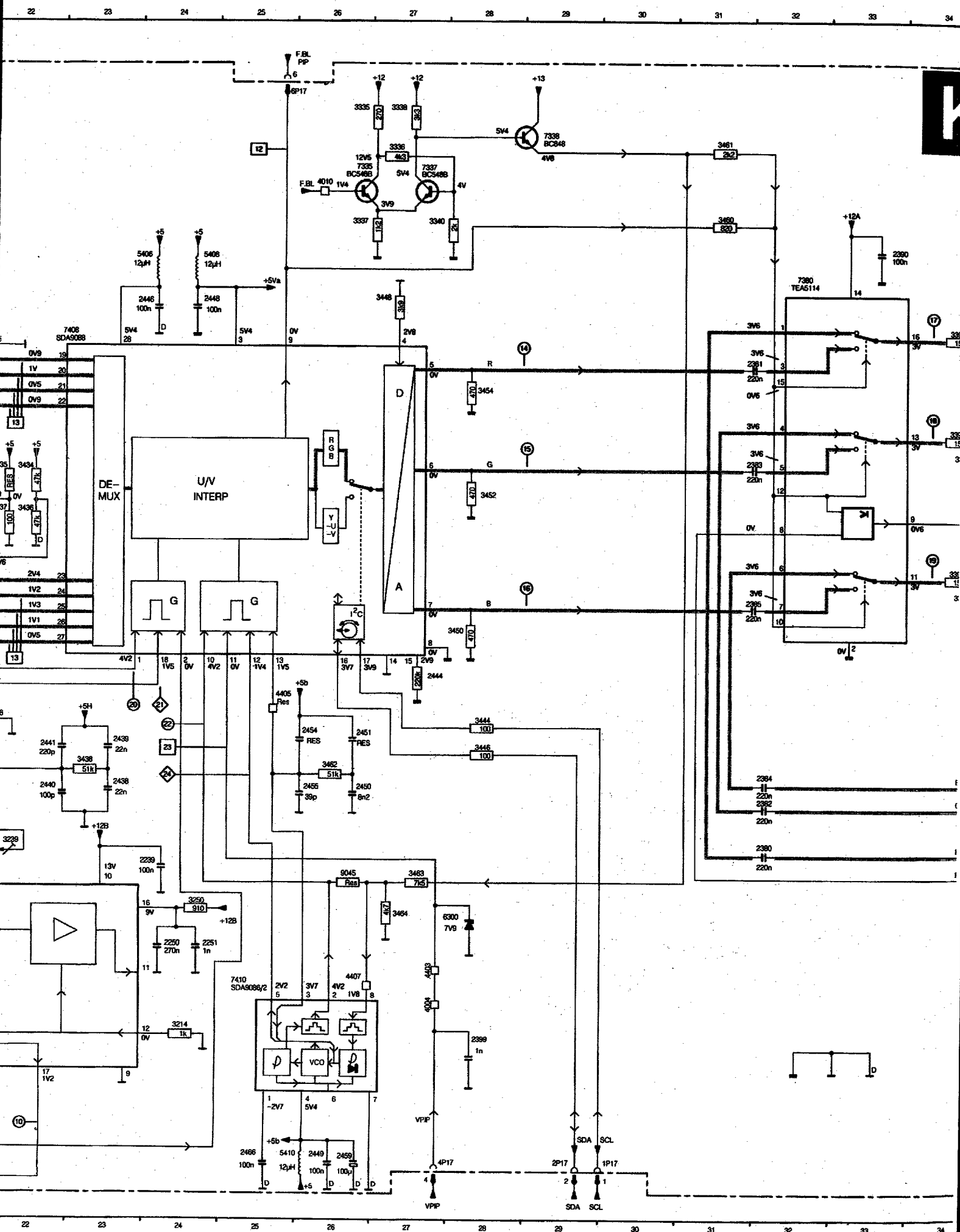


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| 2105 D1 | 2413 C3 | 3330 B1 | 4004 A1 | 9004 |
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| 2119 D1 | 2415 B3 | 3332 A1 | 4006 D1 | 9010 |
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| 2125 C3 | 2432 B3 | 3334 B1 | 4010 B1 | 9012 |
| 2155 C3 | 2434 B2 | 3335 B1 | 4011 B2 | 9013 |
| 2158 D3 | 2438 B3 | 3336 B1 | 4012 B2 | 9015 |
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| 2161 C2 | 2440 B3 | 3338 A1 | 4048 A2 | 9024 |
| 2162 C3 | 2441 B3 | 3339 B1 | 4049 A2 | 9025 |
| 2163 C3 | 2442 B2 | 3340 B1 | 4100 D1 | 9026 |
| 2171 D2 | 2444 C2 | 3341 A1 | 4200 D1 | 9027 |
| 2172 D2 | 2446 B2 | 3345 C1 | 4201 D1 | 9028 |
| 2176 D3 | 2448 A2 | 3353 D1 | 4401 B2 | 9029 |
| 2177 D3 | 2449 B1 | 3354 D1 | 4402 B2 | 9030 |
| 2180 D2 | 2450 B2 | 3380 A3 | 4403 B2 | 9031 |
| 2181 D3 | 2451 B2 | 3381 A3 | 4404 B1 | 9032 |
| 2185 C2 | 2454 B1 | 3382 A3 | 4406 A1 | 9033 |
| 2187 D2 | 2455 B2 | 3383 A3 | 4407 B1 | 9034 |
| 2189 D2 | 2459 B1 | 3384 A3 | 4410 B1 | 9035 |
| 2196 C2 | 2466 B2 | 3385 A3 | 4411 B1 | 9036 |
| 2197 C3 | 3103 D1 | 3386 A2 | 4415 C3 | 9037 |
| 2201 D2 | 3104 D1 | 3387 A3 | 5118 D1 | 9038 |
| 2202 C2 | 3105 D1 | 3388 A2 | 5155 C3 | 9039 |
| 2211 D2 | 3106 D2 | 3390 A1 | 5157 D3 | 9040 |
| 2212 D2 | 3107 D2 | 3391 A1 | 5170 D2 | 9041 |
| 2220 C2 | 3108 D2 | 3394 A2 | 5175 D2 | 9042 |
| 2222 C2 | 3155 C3 | 3395 A1 | 5190 D2 | 9043 |
| 2227 B2 | 3156 C3 | 3398 A2 | 5400 B3 | 9044 |
| 2230 C1 | 3157 D3 | 3399 A1 | 5402 C3 | 9045 |
| 2232 C1 | 3158 D3 | 3404 C3 | 5403 C3 | 9046 |
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| 2236 C1 | 3175 D2 | 3410 B3 | 5406 A2 | P016 |
| 2238 C2 | 3195 C2 | 3411 B3 | 5408 A2 | P017 |
| 2239 C1 | 3196 C2 | 3412 B3 | 5410 A1 | P56 A3 |
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| 2251 C1 | 3201 D2 | 3414 B3 | 7103 D1 | |
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| 2333 B1 | 3220 C2 | 3437 B2 | 7210 D2 | |
| 2340 A1 | 3221 C3 | 3438 B3 | 7233 D1 | |
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| 2350 D1 | 3227 C3 | 3441 C2 | 7330 B1 | |
| 2351 D1 | 3228 B2 | 3442 B2 | 7333 B1 | |
| 2380 A2 | 3231 C1 | 3444 C2 | 7335 B1 | |
| 2381 A2 | 3232 C1 | 3446 C2 | 7337 B1 | |
| 2382 A2 | 3233 D1 | 3448 B2 | 7338 A1 | |
| 2383 A2 | 3234 D1 | 3450 A2 | 7350 D1 | |
| 2384 A2 | 3235 C1 | 3452 A2 | 7380 A2 | |
| 2385 A2 | 3238 D1 | 3454 B2 | 7381 A3 | |
| 2390 A1 | 3237 D1 | 3460 A1 | 7385 A3 | |
| 2391 A3 | 3239 C2 | 3461 A1 | 7387 A3 | |
| 2395 A3 | 3240 C1 | 3462 B2 | 7400 B3 | |
| 2397 A3 | 3241 D1 | 3463 B1 | 7402 B3 | |
| 2399 C1 | 3242 C1 | 3464 B1 | 7404 B3 | |
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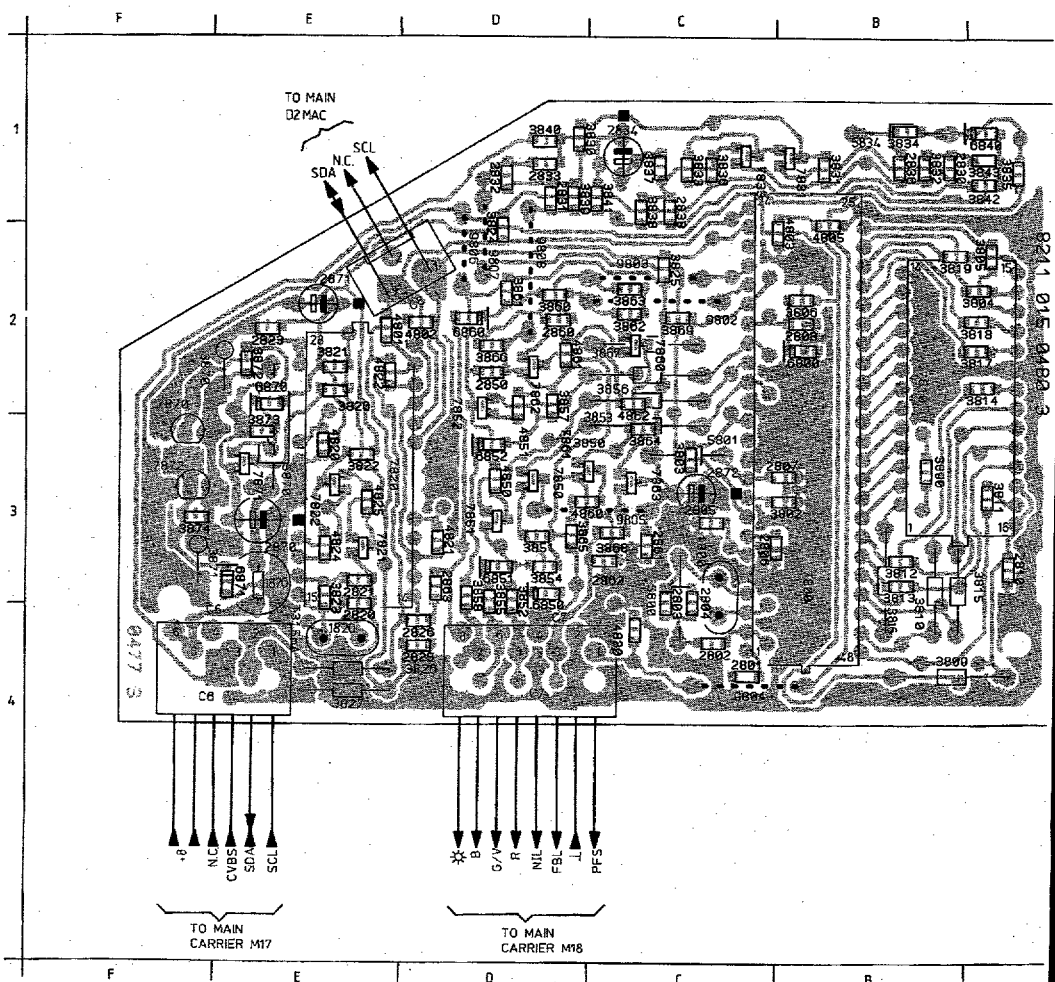
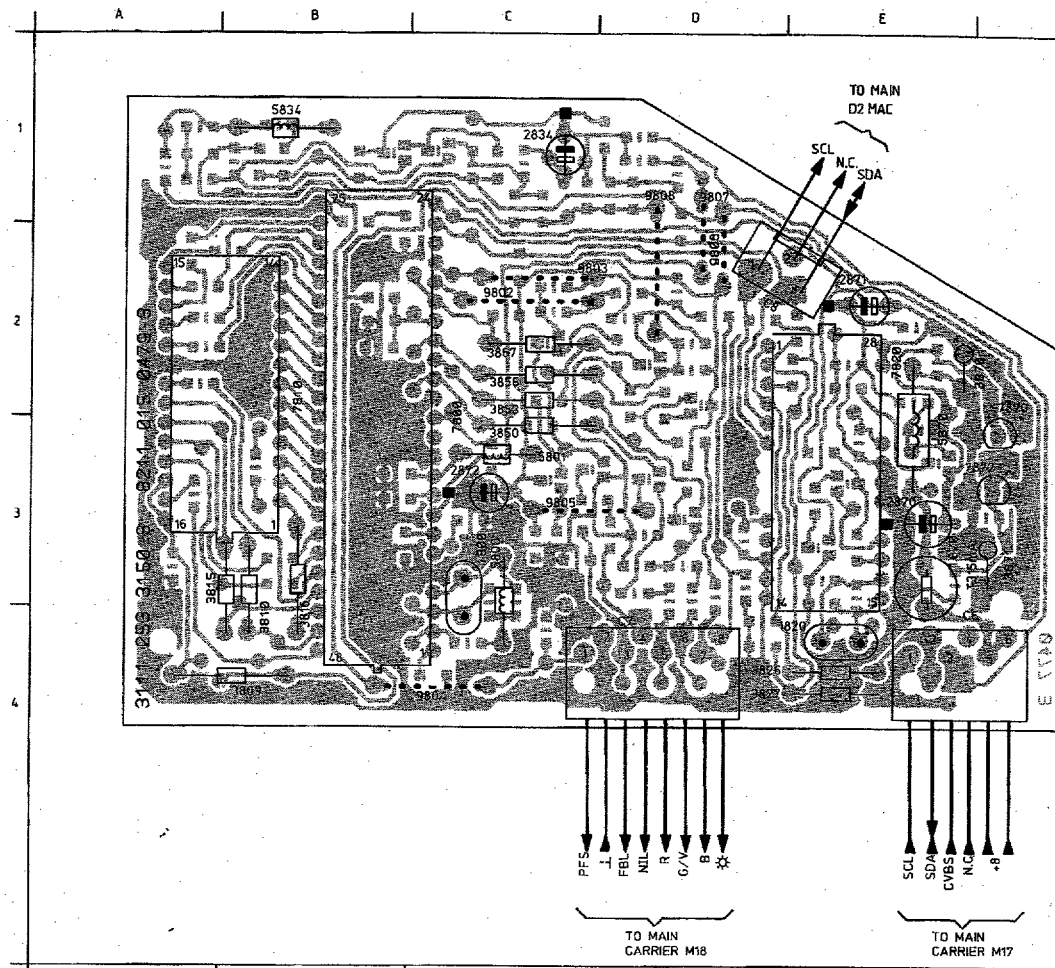




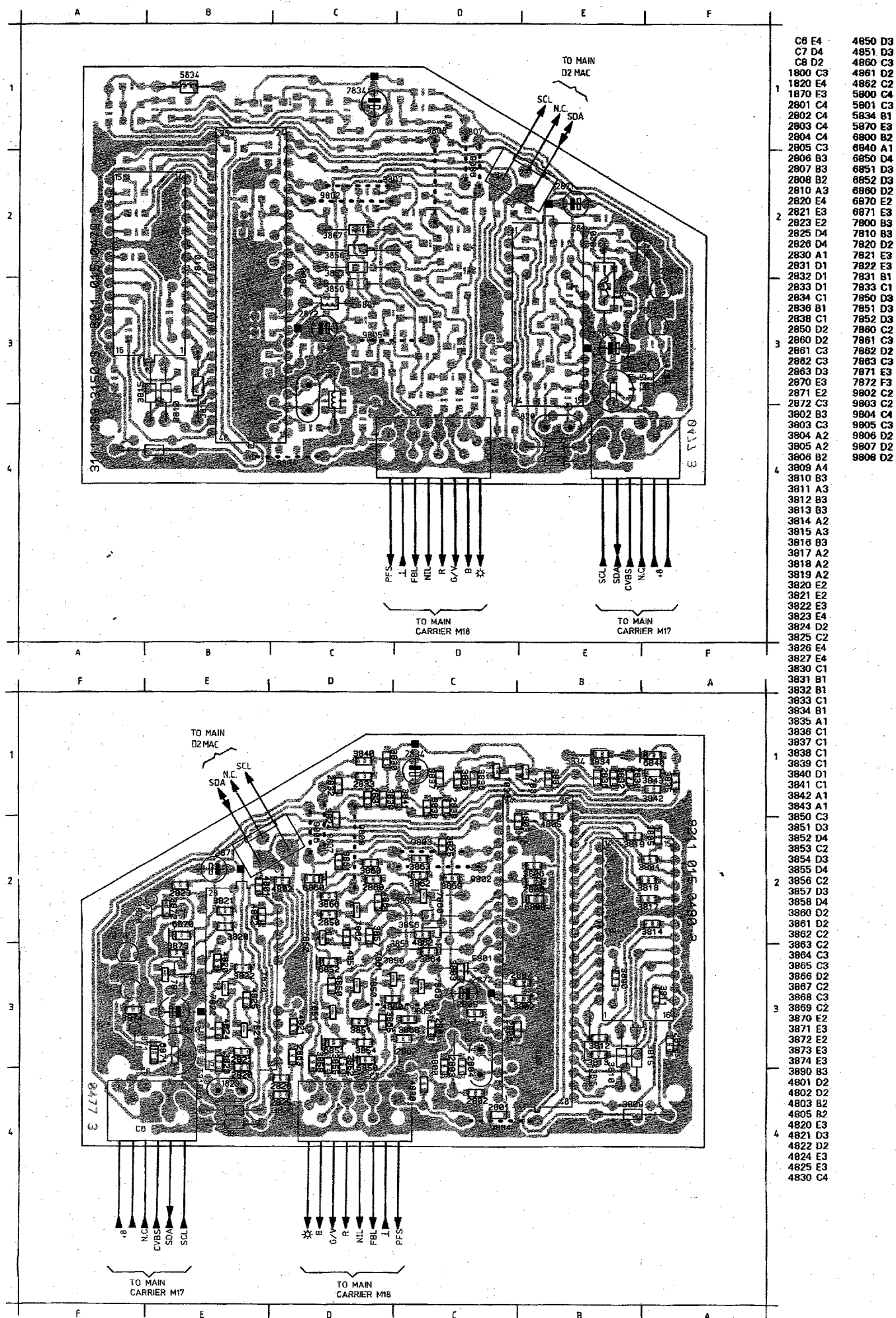


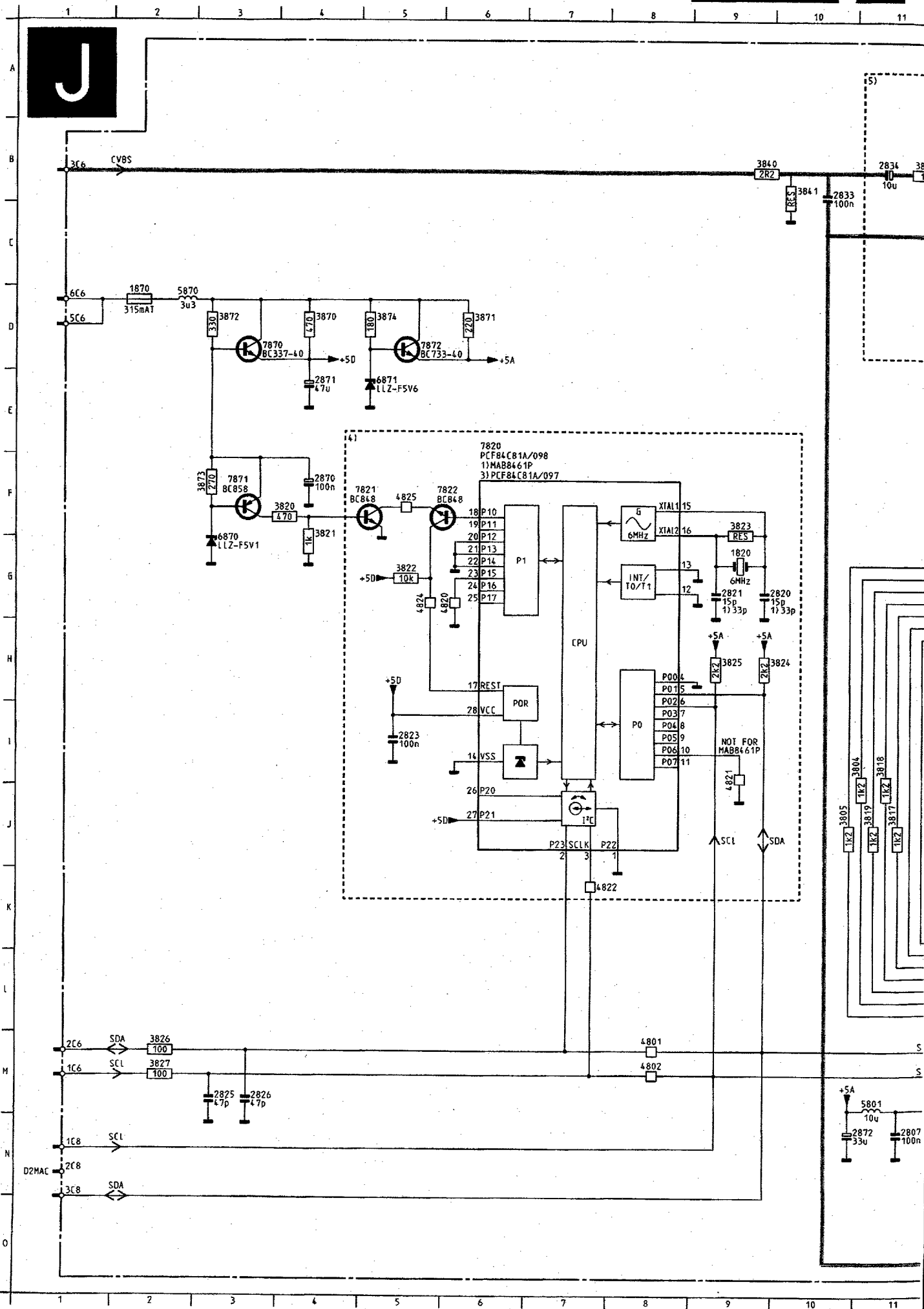


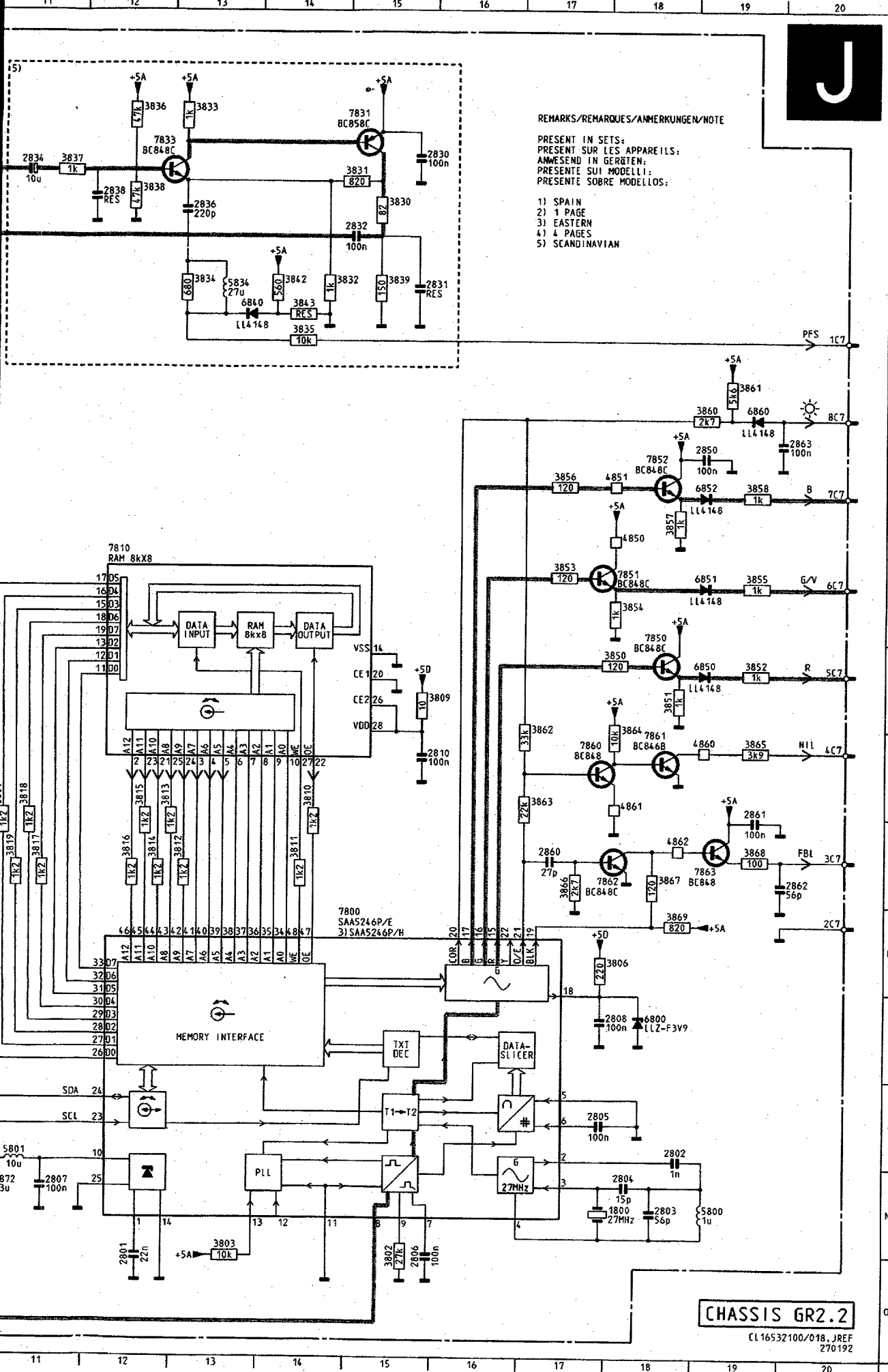
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| 2111 B5 | 3345 M3 |
| 2118 F5 | 3353 N3 |
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| 2119 F6 | 3390 D4 |
| 2119 F6 | 3391 E3 |
| 2120 G6 | 3394 F3 |
| 2125 B6 | 3395 F4 |
| 2125 G8 | 3398 G4 |
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| 2155 G8 | 3404 A1 |
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| 2158 H1 | 3410 E1 |
| 2160 D7 | 3411 F1 |
| 2160 H7 | 3412 G1 |
| 2181 H7 | 3413 G1 |
| 2181 H7 | 3414 H1 |
| 2181 H7 | 3415 H1 |
| 2152 H8 | 3434 F2 |
| 2171 H12 | 3435 F2 |
| 2172 H3 | 3436 G2 |
| 2176 H13 | 3437 G2 |
| 2176 H14 | 3448 D7 |
| 2180 H5 | 3449 E7 |
| 2181 H15 | 3441 H1 |
| 2185 M7 | 3442 G19 |
| 2187 E12 | 3444 I28 |
| 2187 M7 | 3446 J28 |
| 2187 M7 | 3448 D7 |
| 2196 E1 | 3450 F1 |
| 2196 M1 | 3452 F28 |
| 2197 E13 | 3454 E28 |
| 2197 M12 | 3460 C3 |
| 2201 F1 | 3461 B31 |
| 2201 F1 | 3462 B31 |
| 2202 F9 | 3463 K2 |
| 2211 H2 | 3464 L27 |
| 2212 H2 | 3470 L4 |
| 2220 E9 | 4004 M27 |
| 2220 N9 | 4005 F3 |
| 2221 E9 | 4006 F3 |
| 2222 N9 | 4100 C5 |
| 2227 J20 | 4200 K4 |
| 2230 K17 | 4201 K4 |
| 2232 K19 | 4403 M27 |
| 2235 K20 | 4405 E5 |
| 2235 K21 | 4407 M5 |
| 2236 K21 | 4415 I16 |
| 2239 K24 | 5118 C5 |
| 2250 L24 | 5118 G5 |
| 2251 L24 | 5155 A9 |
| 2251 L24 | 5155 G9 |
| 2260 M16 | 5157 A11 |
| 2270 N19 | 5157 G1 |
| 2340 M5 | 5170 G13 |
| 2345 N3 | 5175 G13 |
| 2350 G3 | 5190 N9 |
| 2350 G3 | 5400 B19 |
| 2380 K32 | 5402 B20 |
| 2391 E32 | 5403 I16 |
| 2392 J32 | 5404 G18 |
| 2393 F32 | 5408 C24 |
| 2394 J32 | 5408 C24 |
| 2396 C35 | 5410 Q26 |
| 2390 C33 | 6300 L28 |
| 2399 M28 | 7103 H4 |
| 2400 C20 | 7105 H5 |
| 2402 C21 | 7125 H7 |
| 2402 C21 | 7126 B7 |
| 2405 C18 | 7200 F2 |
| 2409 F18 | 7210 H2 |
| 2410 F19 | 7233 K4 |
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| 2413 H19 | 7335 B28 |
| 2415 I17 | 7337 B27 |
| 2430 I19 | 7338 B29 |
| 2432 F19 | 7350 N4 |
| 2434 C20 | 7380 D32 |
| 2438 J23 | 7400 B18 |
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| 2440 J22 | 7404 H17 |
| 2441 J22 | 7406 C19 |
| 2442 J19 | 7408 D23 |
| 2444 I27 | 7410 M25 |
| 2446 D24 | 7755 E16 |
| 2446 D24 | 9045 K26 |
| 2448 Q26 | |
| 2450 J26 | |
| 2451 I26 | |
| 2454 I26 | |
| 2458 I26 | |
| 2459 Q26 | |
| 2466 Q25 | |
| 3103 F4 | |
| 3104 B5 | |
| 3104 F4 | |
| 3105 B5 | |
| 3106 H6 | |
| 3107 H6 | |
| 3108 I6 | |
| 3155 A8 | |
| 3155 G8 | |
| 3155 H8 | |
| 3157 A12 | |
| 3157 G12 | |
| 3158 A11 | |
| 3158 H11 | |
| 3170 G12 | |
| 3175 G14 | |
| 3198 E14 | |
| 3198 M12 | |
| 3200 F12 | |
| 3201 F1 | |
| 3202 F1 | |
| 3211 H1 | |
| 3212 G2 | |
| 3212 M4 | |
| 3212 H10 | |
| 3220 M10 | |
| 3221 F10 | |
| 3221 M10 | |
| 3222 F9 | |
| 3222 H9 | |
| 3227 J19 | |
| 3231 K18 | |
| 3232 K18 | |
| 3233 J3 | |
| 3234 K3 | |
| 3235 K20 | |
| 3236 K3 | |
| 3237 L3 | |
| 3238 K21 | |
| 3239 K22 | |
| 3240 L16 | |
| 3241 L6 | |
| 3242 O4 | |
| 3250 M4 | |
| 3265 M7 | |
| 3270 N19 | |



Teletext / Videotext / Teletexte







REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTI SUI MODELLI:
PRESENTI SOBRE MODELOS:

- 1) SPAIN
- 2) 1 PAGE
- 3) EASTERN
- 4) 4 PAGES
- 5) SCANDINAVIAN

| | | | |
|------|-----|------|-----|
| 1800 | N18 | 6870 | G 3 |
| 1820 | G 9 | 6871 | E 5 |
| 1870 | D 2 | 7800 | K14 |
| 2801 | 012 | 7810 | F12 |
| 2802 | M18 | 7820 | E 6 |
| 2803 | N18 | 7821 | F 5 |
| 2804 | N18 | 7822 | F 5 |
| 2805 | M17 | 7831 | B15 |
| 2806 | 015 | 7833 | B12 |
| 2807 | N11 | 7850 | G18 |
| 2808 | L17 | 7851 | G18 |
| 2810 | I15 | 7852 | E18 |
| 2820 | G 9 | 7860 | I17 |
| 2821 | G 9 | 7861 | I18 |
| 2823 | I 5 | 7862 | J18 |
| 2825 | M 3 | 7863 | J19 |
| 2826 | M 3 | 7870 | D 3 |
| 2830 | B15 | 7871 | F 3 |
| 2831 | C15 | 7872 | D 5 |
| 2832 | C15 | | |
| 2833 | B10 | | |
| 2834 | B11 | | |
| 2836 | C13 | | |
| 2838 | B12 | | |
| 2850 | E19 | | |
| 2860 | J17 | | |
| 2861 | I19 | | |
| 2862 | J20 | | |
| 2863 | E20 | | |
| 2870 | F 4 | | |
| 2871 | E 4 | | |
| 2872 | N10 | | |
| 2802 | 015 | | |
| 2803 | N13 | | |
| 2804 | I11 | | |
| 2805 | J10 | | |
| 2806 | K17 | | |
| 2809 | H15 | | |
| 2810 | I14 | | |
| 2811 | J14 | | |
| 2812 | J13 | | |
| 2813 | I12 | | |
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| 2816 | J12 | | |
| 2817 | J11 | | |
| 2818 | I11 | | |
| 2819 | J11 | | |
| 2820 | F 4 | | |
| 2821 | F 4 | | |
| 2822 | G 5 | | |
| 2823 | F 9 | | |
| 2824 | H 9 | | |
| 2825 | H 9 | | |
| 2826 | M 2 | | |
| 2827 | M 2 | | |
| 2830 | B15 | | |
| 2831 | B15 | | |
| 2832 | C14 | | |
| 2833 | A13 | | |
| 2834 | C13 | | |
| 2835 | D14 | | |
| 2836 | A12 | | |
| 2837 | B11 | | |
| 2838 | B12 | | |
| 2839 | C15 | | |
| 2840 | B 9 | | |
| 2841 | B10 | | |
| 2842 | C14 | | |
| 2843 | D14 | | |
| 2850 | H18 | | |
| 2851 | H18 | | |
| 2852 | H19 | | |
| 2853 | G17 | | |
| 2854 | G18 | | |
| 2855 | G19 | | |
| 2856 | F17 | | |
| 2857 | F18 | | |
| 2858 | F19 | | |
| 2860 | E19 | | |
| 2861 | D19 | | |
| 2862 | H17 | | |
| 2863 | I17 | | |
| 2864 | H18 | | |
| 2865 | I19 | | |
| 2866 | J17 | | |
| 2867 | J18 | | |
| 2868 | J19 | | |
| 2869 | K18 | | |
| 2870 | D 4 | | |
| 2871 | D 6 | | |
| 2872 | D 3 | | |
| 2873 | F 3 | | |
| 2874 | D 5 | | |
| 2801 | M 8 | | |
| 2802 | M 8 | | |
| 2820 | G 6 | | |
| 2821 | I 9 | | |
| 2822 | K 7 | | |
| 2824 | G 5 | | |
| 2825 | F 5 | | |
| 2850 | F18 | | |
| 2851 | F18 | | |
| 2860 | I19 | | |
| 2861 | I18 | | |
| 2862 | J18 | | |
| 2800 | N19 | | |
| 2801 | M11 | | |
| 2834 | C13 | | |
| 2870 | D 2 | | |
| 2800 | L18 | | |
| 2840 | D13 | | |
| 2850 | H19 | | |
| 2851 | G19 | | |
| 2852 | F19 | | |
| 2860 | E19 | | |

CHASSIS GR2.2

CL 16532100/018, JREF 270192

Setting conditions

All electrical settings should be made under the following conditions:

- * supply voltage: 220 - 240 V \pm 10%;
- 50 Hz \pm 5%
- * warming-up time \approx 10 minutes
- * the voltages and oscillograms have been measured with regard to tuner earth.
- * measuring probe: $R_i > 10 \text{ M}\Omega$; $C_i < 2.5 \text{ pF}$.

1. Settings on the carrier board

1.1 +148V/+95V supply voltage

Connect a voltmeter over C2631. Using R3635, set the supply voltage to +148V \pm 0.5V for 25" and 28" units or to 95V \pm 0.5V for 21" units.

1.2 Focusing

This is set using the focusing potentiometer (on the top of the line output transformer).

1.3 Vg2 setting

Connect a pattern generator and supply a blanking frame signal (black picture). Switch the unit to the service default mode (see section 9).

Connect an oscilloscope to the emitters of transistors 7304 and 7364 on the picture tube module. Set the oscilloscope to frame frequency. Measure the DC voltage level of the measuring pulses (see Fig. 7.2). Using the Vg2 potentiometer on the line output transformer, set the measuring pulse with the lowest DC voltage level to:

- * +145V \pm 5V for 25" and 28" blackline units (protected high-voltage cable)
- * +130V \pm 5V for 28" non-blackline units
- * +118V \pm 5V for 25" non-blackline units
- * +120V \pm 5V for 21" units.

1.4 Horizontal synchronization

Connect pin 5-IC7470 to pin 9-IC7470. Supply an aerial signal and tune the set. Adjust potentiometer 3457 until the picture is straight. Remove the interconnection.

1.5 Horizontal centring

Set using potentiometer 3461.

1.6 Vertical centring

Set using potentiometer 3516.

1.7 Picture height

Set using potentiometer 3504.

1.8 Chroma bandpass filter

a. Setting for PAL/SECAM sets (TDA4650)

Connect a signal generator (e.g. PM 5326) to pin 20 of the euroconnector (EXT1) and set its frequency to 4.286 MHz/0.2 Vpp. Switch the unit to EXT1. Connect pin 27-IC7306 to pin 13-IC7306. Connect an oscilloscope to pin 15-IC7306.

Set 5301 to maximum amplitude.

Remove the interconnection.

b. Setting for PAL sets (TDA4510)

Connect a signal generator (e.g. PM 5326) to pin 20 of the euroconnector (EXT1) and set its frequency to 4.43 MHz. Connect the unit to EXT1. Connect an oscilloscope to pin 9-IC7305 (TDA4650). Set 5301 to maximum amplitude.

1.9 Chroma auxiliary oscillator

Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 11-IC7305 (TDA4510) or pin 17-IC7306 (TDA4650) to earth. Set 2313 so that the colour on the screen has practically stopped. Remove the interconnection.

1.10 SECAM demodulators for PAL/SECAM sets (TDA4650)

Connect a pattern generator and supply a SECAM black pattern. Connect an oscilloscope to pin 1-IC7306 (TDA4650). Set 5304 to minimum amplitude. Connect the oscilloscope to pin 3-IC7306 (TDA4650). Set 3312 to minimum amplitude.

1.11 White balance

Connect a pattern generator and select a white picture. Switch on the service menu (see section 9) and select "WHITE BALANCE". Set the value of "Green" to 51, and the Value of "Blue" to 46. In most cases no further adjustments are required.

1.12 Peak white limit

Switch on the service menu (see section 9) and select "WHITE BALANCE". Set "WHITE LIMIT" to the value:

- 43 for blackline units
- 53 for non-blackline units
- 53 for 21" units.

1.13 Cut-off points of the picture tube

Connect a pattern generator and select a black picture. Switch on the service menu (see section 9) and select "CUT OFF". Set the value of "Red" to 56, and for "Green" to 16, and for "Blue" to 15. In most cases no further adjustments are required.

1.14 Options

Switch on the service menu and select "OPTION 1" or "OPTION 2".

Switch the options "ON" and "OFF" according to whether the following options are present:

- "PIP" on a PIP set
- "2ND SCART" on a set with two euroconnectors
- "TELETEXT" on a teletext set
- "SVHS" for the Y/C connector in mono sets
- "MULTI SYSTEM" for multisystem sets
- "HYPERBAND" for a tuner which can be tuned to the frequency band of 300 MHz to 450 MHz
- "UHF ONLY" for a tuner which can only be tuned to the UHF band
- "NICAM TWIN" for stereo sets which can also receive NICAM sound.
- "SIXTEEN/NINE" for switching between normal screen size and wide screen size.

MAIN PANEL

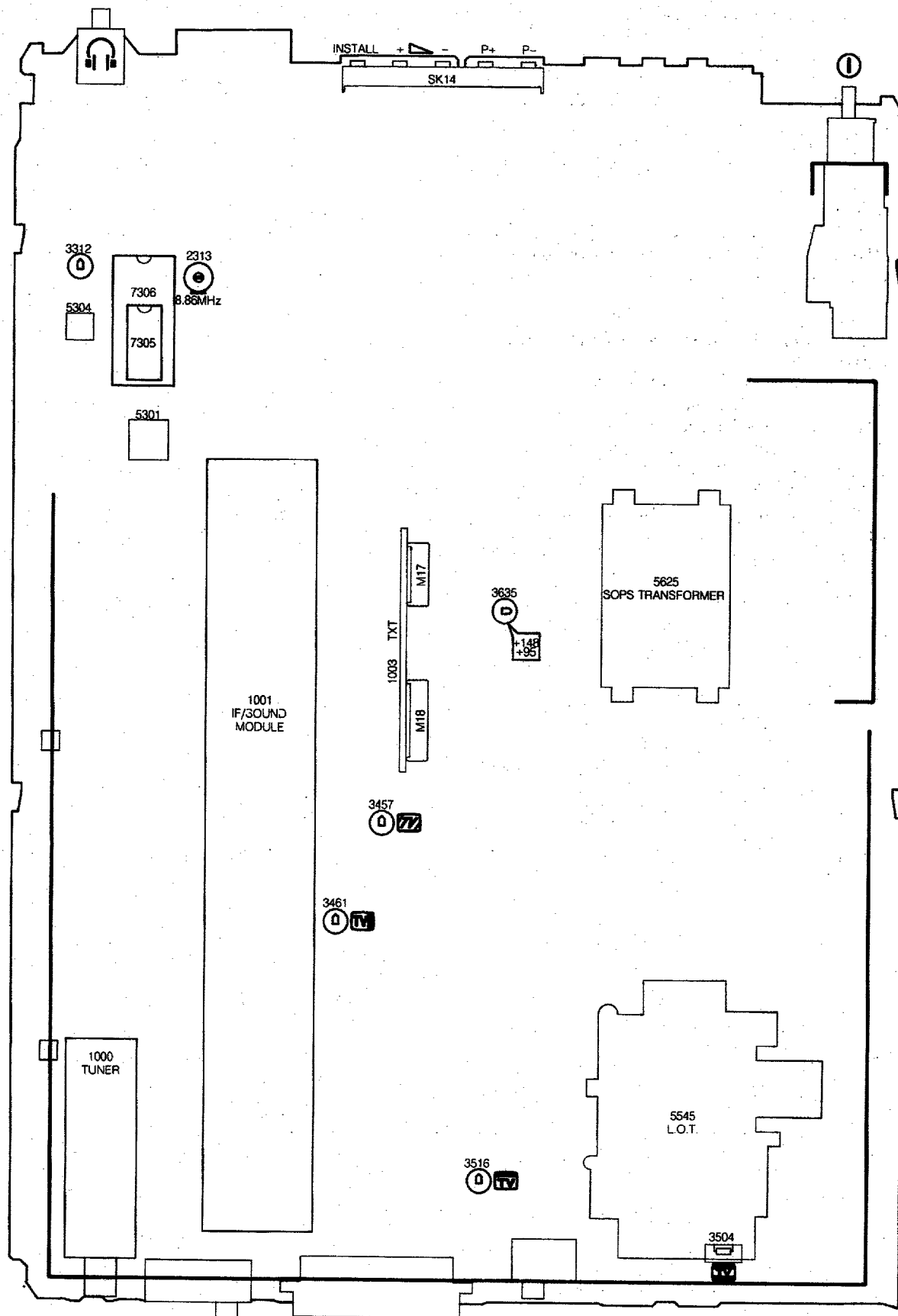


Fig. 7.1

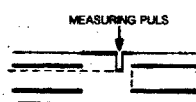


Fig. 7.2

2. MF/sound module adjustment (Fig 7.3)

2.1 The M.F. sound modulator

a. For multi-system France (BGLI).

Stereo + mono:

- Connect a pattern generator (e.g PM 5518) to the tuner and adjust the generator to SECAM L with a frequency of 47.25 MHz (SECAM L'). Adjust L 5080 to minimum picture distortion.
- Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz.

Stereo:

- Connect an oscilloscope to pin 17 of IC 7100 (TDA 3856). Using L 5104 adjust the amplitude of the signal to its minimum value.

b. For Europe (BG) stereo and East-European multi system (BGDK) stereo.

- Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz.
- Connect an oscilloscope to pin 15 of IC 7101 (TDA 3857). Using L 5104 adjust the amplitude of the signal to its minimum value.

c. For NICAM (BGI) stereo.

- Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz.
- Connect an oscilloscope to pin 15 of IC 7100 (TDA 3857). Using L 5103 adjust the amplitude of the signal to its minimum value.

2.2 The FM sound modulator

a. For multi system France (BGLI) + Europe + mono UK.

Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz with stereo L = 3kHz and R = 1kHz.

- 5.5 MHz

Connect an oscilloscope to pin 2 of M 24. Using L 5105 adjust the amplitude to its maximum value.

- 5.74 MHz (only for stereo)

Connect an oscilloscope to pin 3 of M 23. Using L 5103 adjust the amplitude to its maximum value.

b. For East-European multi system (BGDK).

- 6.5 MHz.

Adjust the pattern generator to SECAM DK with a frequency of 475.25 MHz.

Connect an oscilloscope to pin 2 of M 24. Using L 5105 adjust the amplitude to its maximum value.

- 5.74 MHz (only for stereo)

Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz with stereo L = 3kHz and R = 1kHz.

Connect an oscilloscope to pin 3 of M 23. Using L 5103 adjust the amplitude to its maximum value.

c. For NICAM

- NICAM I.

Adjust the pattern generator to PAL I with a frequency of 475.25 MHz.

Select analogue sound.

Connect an oscilloscope to pin 7 of IC 7100 (TDA 3857). Using L 5102 adjust the amplitude to its maximum value.

- NICAM BG.

Adjust the pattern generator to PAL BG with a frequency of 475.25 MHz.

Select analogue stereo sound with L = 3kHz and R = 1kHz.

* 5.5 MHz.

Connect an oscilloscope to pin 7 of IC 7100 (TDA 3857).

Using L 5102 adjust the amplitude to its maximum value.

* 5.74 MHz.

Connect an oscilloscope to pin 6 of IC 7100 (TDA 3857).

Using L 5101 adjust the amplitude to its maximum value.

2.3 AFC and picture demodulation:

Adjust the pattern generator to the system given in the table below (PAL BGI and SECAM BGDK to 475.25 MHz, SECAM L' to 47.25 MHz).

- Connect an oscilloscope to pin 3 of connector G 29 and using L 5035 or L 5037 (see table) adjust the amplitude to its minimum value.

- Connect an oscilloscope to pin 11 of connector G 29 and using L 5036 or L 5038 (see table) adjust to 2V Dc.

| SYSTEM | L5035/L5036 | L5037/L5038 |
|-------------------------------------|-------------|-----------------|
| Multi French (BGLI) mono/stereo | SECAM L' | SECAM BG/PAL BG |
| Europe (BG) stereo | PAL BG | -- |
| Europe (BG) mono | -- | PAL BG |
| Multi Eastern- Europe (BGDK) stereo | SECAM K | -- |
| Multi Eastern- Europe (BGDK) mono | -- | SECAM K |
| UK mono | -- | PAL I |
| UK stereo | PAL I | -- |

2.4

RF-AGC

If the picture from a strong local transmitter is distorted, adjust 3016 until the picture is not distorted.

2.5

MF-AGC (Multi French (BGLI) system sets).

Connect a pattern generator and select a SECAM-L colour bar signal with a frequency of 475.25 MHz.

Connect an oscilloscope to pin-3 of connector G 29.

Using 3048 adjust the amplitude of the video signal to 1.8 Vpp.

2.6

Stereo matrix (stereo and NICAM units)

Connect a pattern generator and supply a PAL BG signal with stereo sound. Select only the right-hand channel sound. Set the balance of the unit completely to the left.

Set 3204 (stereo units) or 3200 (NICAM PAL BG units) to minimum sound reproduction.

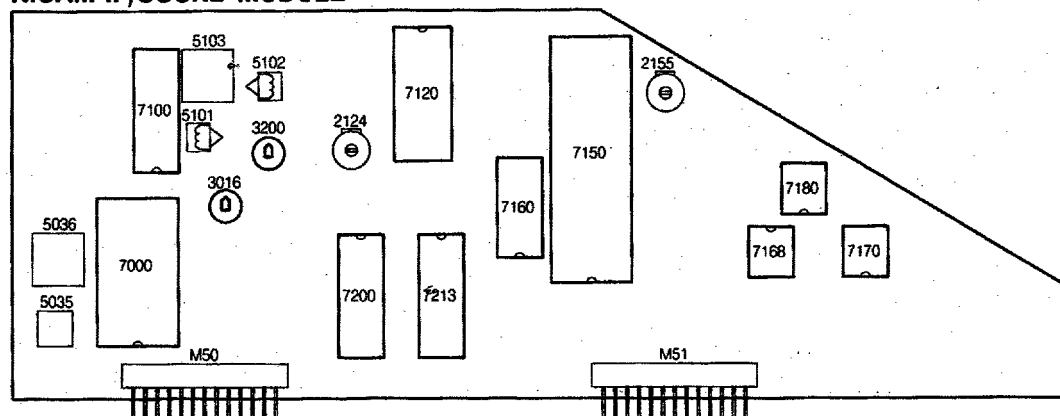
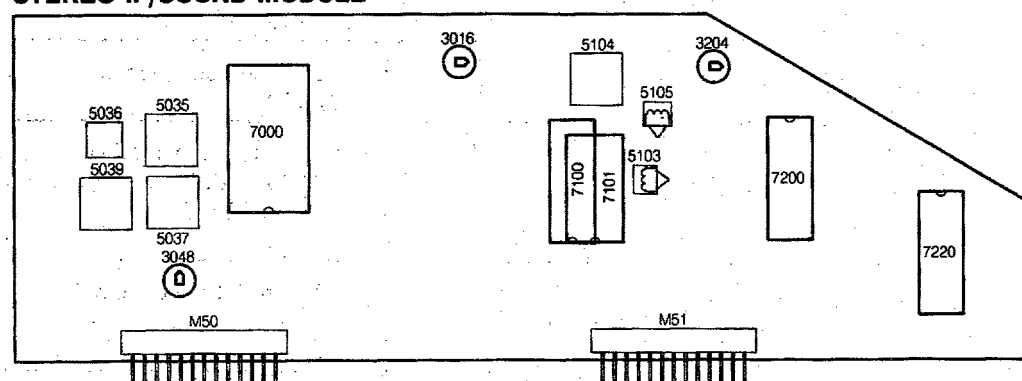
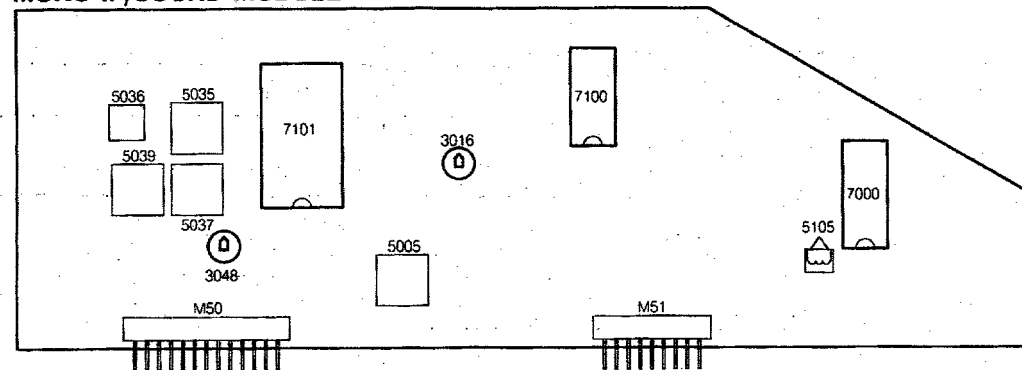
NICAM IF/SOUND MODULE**STEREO IF/SOUND MODULE****MONO IF/SOUND MODULE**

Fig. 7.3

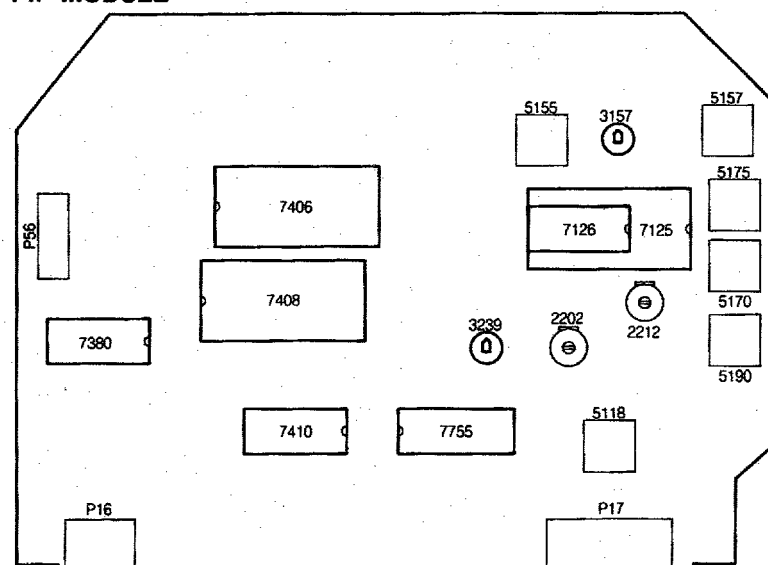
PIP MODULE

Fig. 7.4

3. Adjustments on the PIP module (Fig. 7.4)

Adjustment conditions

Before making each adjustment, ensure that a PIP picture with the prescribed signal is visible on the screen and that the unit has reached its operating temperature (after ≈ 10 min.).

3.1 Horizontal synchronization

Do not supply an aerial or generator signal. Connect pin 28-IC7125 to pin 13-IC7125 if TDA4554 is present (PAL selection). Connect pin 5-IC7755 to earth. Measure the frequency at pin 17-IC7755 and using 3239 set it to $15.625 \text{ Hz} \pm 25 \text{ Hz}$. Remove the interconnection.

3.2 Chroma bandpass filter

a. Adjustment for PIP modules with TDA4554

Connect a signal generator (e.g. PM 5326) to pin 10 of P17 and set its frequency to $4.286 \text{ MHz}/0.2 \text{ Vpp}$.

Connect pin 27-IC7125 to 13-IC7125. Connect an oscilloscope to pin 15-IC7125.

Set 5118 to maximum amplitude.

Remove the interconnection.

b. Adjustment for PIP modules with TDA4510

Connect a signal generator (e.g. PM 5326) to pin 10 of P17 and set its frequency to $4.43 \text{ MHz}/0.2 \text{ Vpp}$.

Connect an oscilloscope to pin 9-IC7126.

Set 5118 to maximum amplitude.

3.3 PAL chroma auxiliary oscillator

Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 17-IC7125 (TDA4554) or pin 11-IC7126 (TDA4510) to earth. Set 2202 so that the colour of the PIP picture is practically still.

Remove the interconnection.

3.4 NTSC chroma auxiliary oscillator for PIP modules with TDA4554

Connect a pattern generator and supply an NTSC M colour bar pattern. Connect pin 17-IC7125 to earth. Set 2202 so that the colour of the PIP picture is practically still.

Remove the interconnection.

3.5 Delay line

Connect a pattern generator and supply a PAL colour bar signal. Connect the X-input of the oscilloscope to pin 1-IC7125 (TDA4554) or pin 1-IC7126 (TDA4510). Connect the Y-input of the oscilloscope to pin 3-IC7125 (TDA4554) or pin 2-IC7126 (TDA4510). Set the oscilloscope to the X-Y position.

Set 5155 and 5157 so that the vectors lie in one line (points which are furthest from the origin).

Set the pattern generator to the "DEM" mode.

Set R3157 so that the vectors lie on top of one another in the origin.

3.6 SECAM identification for PIP modules with TDA4554

Connect a pattern generator and supply a SECAM colour bar signal.

Connect pin 27-IC7125 to pin 13-IC7125.

Connect an oscilloscope to pin 21-IC7125.

Set 5190 to minimum DC level.

Remove the interconnection.

3.7 SECAM demodulators for PIP modules with TDA4554

Connect a pattern generator and supply a SECAM signal without contents (black). Connect pin 27-IC7125 to pin 13-IC7125. Connect an oscilloscope to pin 1-IC7125. Using 5175, set the DC level during the scan equal to the DC level during the flyback.

In the same way set 5170, but now measure at pin 3-IC7125.

Remove the interconnection.

4. Adjustments on the picture tube module

4.1 Picture width

Set using potentiometer 3525.

4.2 East/West correction

Set using potentiometer 3521. This setting is only for 25" and 28" units.

1. Servicing of SMDs (Surface Mounted Devices)

1.1 General cautions on handling and storage

- Oxidation on the terminals of SMDs results in poor soldering. Do not handle SMDs with bare hands.
- Avoid using storage places that are sensitive to oxidation such as places with sulphur or chlorine gas, direct sunlight, high temperatures or a high degree of humidity.
The capacitance or resistance value of the SMDs may be affected by this.
- Rough handling of circuit boards containing SMDs may cause damage to the components as well as the circuit boards. Circuit boards containing SMDs should never be bent or flexed. Different circuit board materials expand and contract at different rates when heated or cooled and the components and/or solder connections may be damaged due to the stress. Never rub or scrape chip components as this may cause the value of the component to change. Similarly, do not slide the circuit board across any surface.

1.2 Removal of SMDs

- Heat the solder (for 2-3 seconds) at each terminal of the chip. By means of litz wire and a slight horizontal force, small components can be removed with the soldering iron. They can also be removed with a solder sucker (see Fig. 8.1A) or:
- While holding the SMD with a pair of tweezers, take it off gently using the soldering iron's heat applied to each terminal (see Fig. 8.1B).
- Remove the excess solder on the solder lands by means of litz wire or a solder sucker (see Fig. 8.1C).

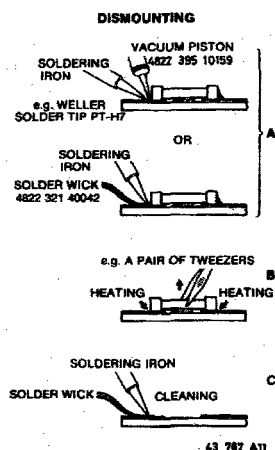


Fig. 8.1

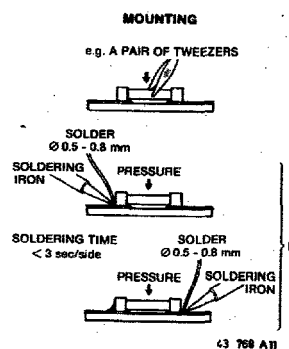


Fig. 8.2

Caution on removal:

- When handling the soldering iron, use suitable pressure and be careful.
- When removing the chip, do not use undue force with the pair of tweezers.
- The soldering iron to be used (approx. 30 W) should preferably be equipped with a thermal control (soldering temperature: 225 to 250°C).
- The chip, once removed, must never be reused.

1.3 Attachment of SMDs

- Locate the SMD on the solder lands by means of tweezers and solder the component on one side. Ensure that the component is positioned correctly on the solder lands (see Fig. 8.2A).
- Next complete the soldering of the terminals of the component (see Fig. 8.2B).

Caution when attaching SMDs:

- When soldering the SMD terminals, do not touch them directly with the soldering iron. The soldering should be done as quickly as possible; care must be taken to avoid damage to the terminals of the SMDs themselves.
- Keep the SMD's body in contact with the printed board when soldering.
- The soldering iron to be used (approx. 30 W) should preferably be equipped with a thermal control (soldering temperature: 225 to 250°C).
- Soldering should not be done outside the solder land.
- Soldering flux (of rosin) may be used, but should not be acidic.
- After soldering, let the SMD cool down gradually at room temperature.
- The quantity of solder must be proportional to the size of the solder land. If the quantity is too great, the SMD might crack or the solder lands might be torn loose from the printed board (see Fig. 8.3).

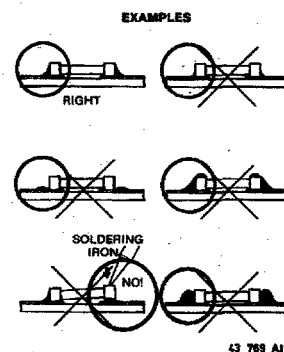


Fig. 8.3

2. Replacing the EEPROM IC7710

If the EEPROM has to be replaced during a repair, the microprocessor will load the EEPROM with a number of default values for the white balance, peak white limit and cut-off point settings.

However, all these values should be checked and adjusted, if necessary.

All options should also be set, the programs installed and personal preference set.

3. Table of error messages

| Error indication | Description | Possible fault |
|------------------|---|--|
| OSD: ERR PIP | I ² C fault PIP module | * +5 on PIP module * IC7406 |
| OSD: ERR TXT | I ² C fault TXT module | * +5 on teletext module * IC7800 |
| OSD: ERR NICAM | I ² C fault IC7160 (NICAM units) | * +5 on IF/sound module * IC7160, C2160, C2161, C2221, C2222 * IC7213 |
| OSD: ERR 8415 | I ² C fault IC7200 (stereo and NICAM units) | * +14 on IF/Sound module * IC7200 * IC7220 |
| OSD: ERR 8425 | I ² C fault IC7213 (NICAM units) I ² C fault IC7220 (Stereo units) | * IC7213/IC7220 |
| OSD: ERR EEPROM | I ² C fault IC7710 | * IC7710 |
| OSD: ERR TUNER | I ² C fault tuner | * Tuner * TS7003 |
| OSD: ERR CHROMA | I ² C fault IC7309 | * supply IC7309 (+9) * IC7309 |
| Flashing LED | Internal fault in μ P | * IC7708 |
| OSD: ERR BUS | I ² C bus blocked | * C2714, C2715 |

1. Service-Default-Mode

The GR2.2 is equipped with a service default mode. The service default mode is a fixed defined mode in which the unit can be placed.

1.1 Mode definition

The definition of the fixed mode in the service default mode is as follows:


- all sound and picture controls are in the central position (with the exception of the volume which is set to low)
- The set should be tuned to 475.25 MHz
- system:
 - * PAL BG, PAL/SECAM BG or PAL I for single system units (option 2 MULTI SYSTEM "OFF")
 - * SECAM L for multisystem units. (option 2 MULTI SYSTEM "ON")
 - * SECAM DK for sets for Eastern-Europe with option 2 MULTI SYSTEM "ON".
 - * PAL BG for sets for Eastern-Europe with option 2 MULTI SYSTEM "OFF".

1.2 Switching on and off

The service default mode is switched on by briefly short-circuiting the pins M33 and M34 (SERVICE) behind the INSTALL key on the carrier panel when switching the unit on with the mains switch. In order to indicate that the unit is in the service default mode, an "SER" appears on the screen. The service default mode can only be switched off by switching the unit to standby (⏻). If the unit is switched off and then on again using the mains switch or mains plug, the service default mode remains switched on.

1.3 Operation and extra facilities

In addition to the fact that the unit can be operated normally, in the service default mode two extra functions are available:

- Autostore
 - When operating the install key on the local control panel, the unit is tuned to the next transmitter frequency. This frequency is also stored under the selected programme number. Therefore the installation menu cannot be accessed in the service default mode!
- Service menu
 - The service menu is activated by first pressing the  - key and then at the same time the P+ key on the local control panel. The service menu now appears on the screen. The service menu offers the facility to set various options and make a number of picture tube settings. The various components in the service menu are selected using the coloured keys on the remote control. The various components themselves are adjusted using the + and - keys on the remote control. The values and options set are immediately stored in the EEPROM.

Note 1:

If the service menu does not appear on the screen and the autostore function does not react, then the "LOCK" function is probably activated.

If the autostore function only does not react, the hotel mode is activated.

Note 2:

If a multisystem unit in the service default mode is to be used with the PAL/SECAM BG system, option 2 "MULTI SYSTEM" may be temporarily disabled "OFF".

Note 3:


If a multi-system set for Eastern-Europe in the service default mode is nevertheless to be used with the PAL BG system, option 2 "MULTI SYSTEM" may be temporarily disabled ("OFF").

2. Hotel mode

In the hotel mode the volume control is limited to a maximum to be set beforehand and the installation menu cannot be called up.

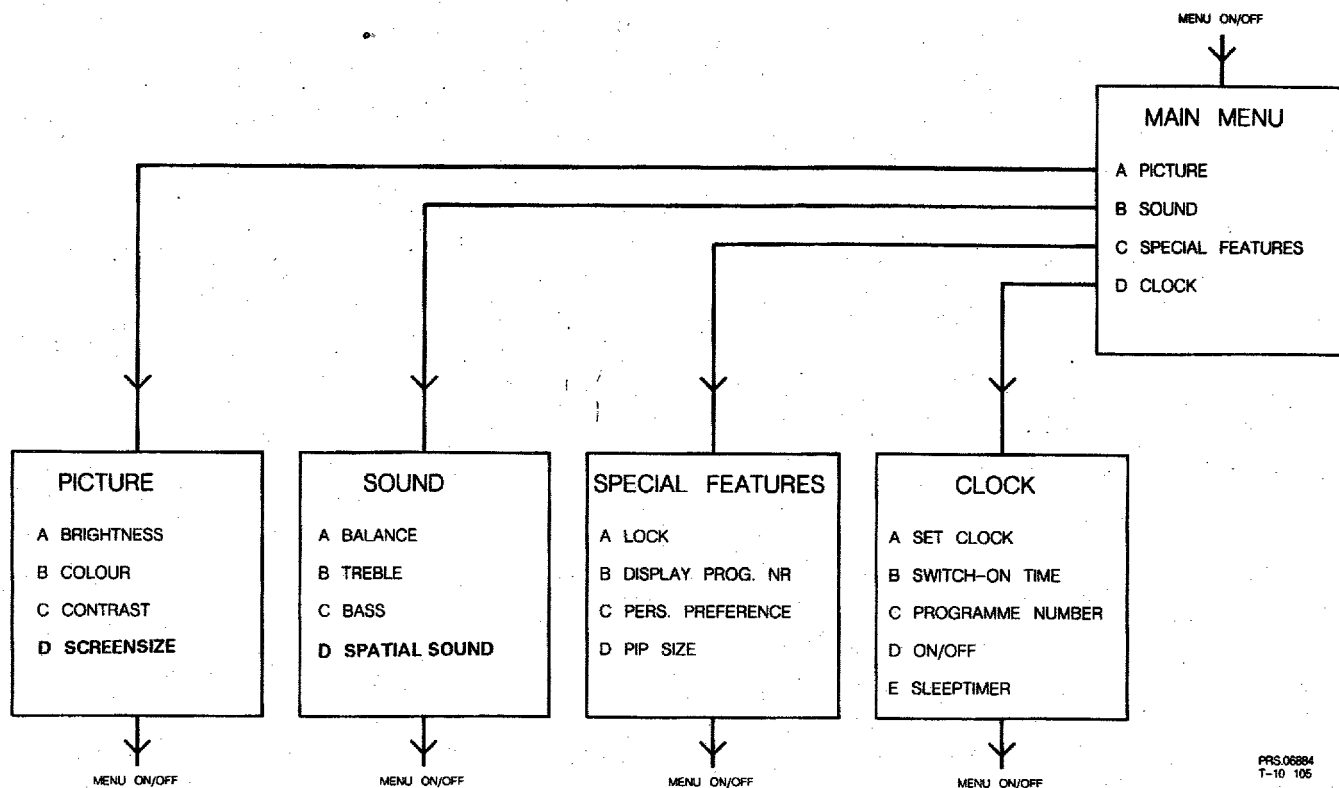
2.1 Switching the hotel mode on and off

Select programme number 38.

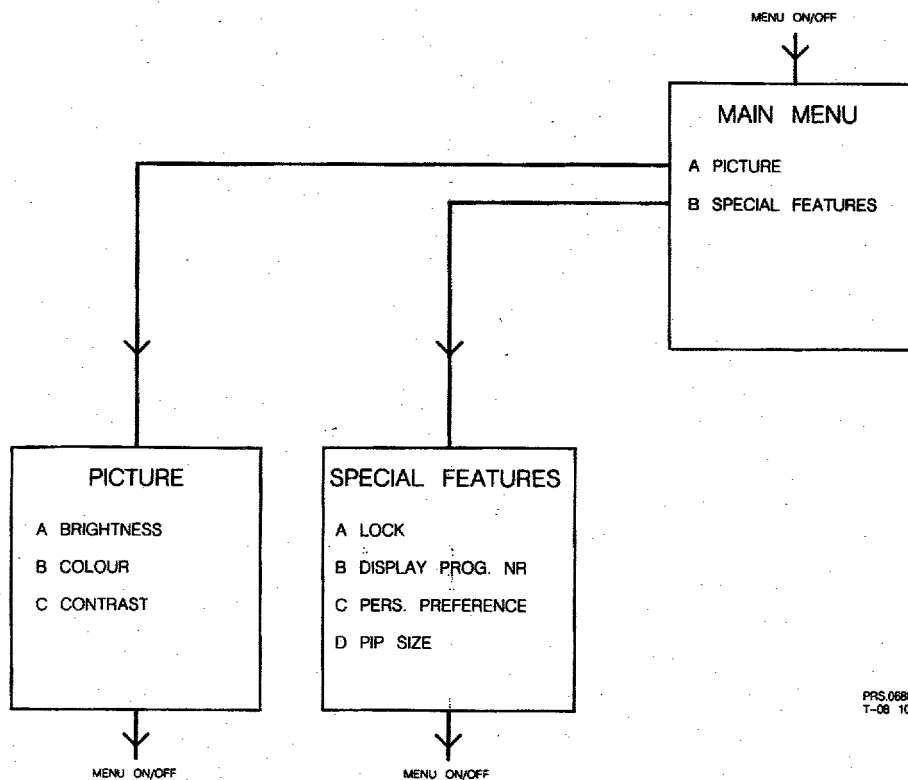
First press  + and keep this depressed while pressing P -.

Survey of menus

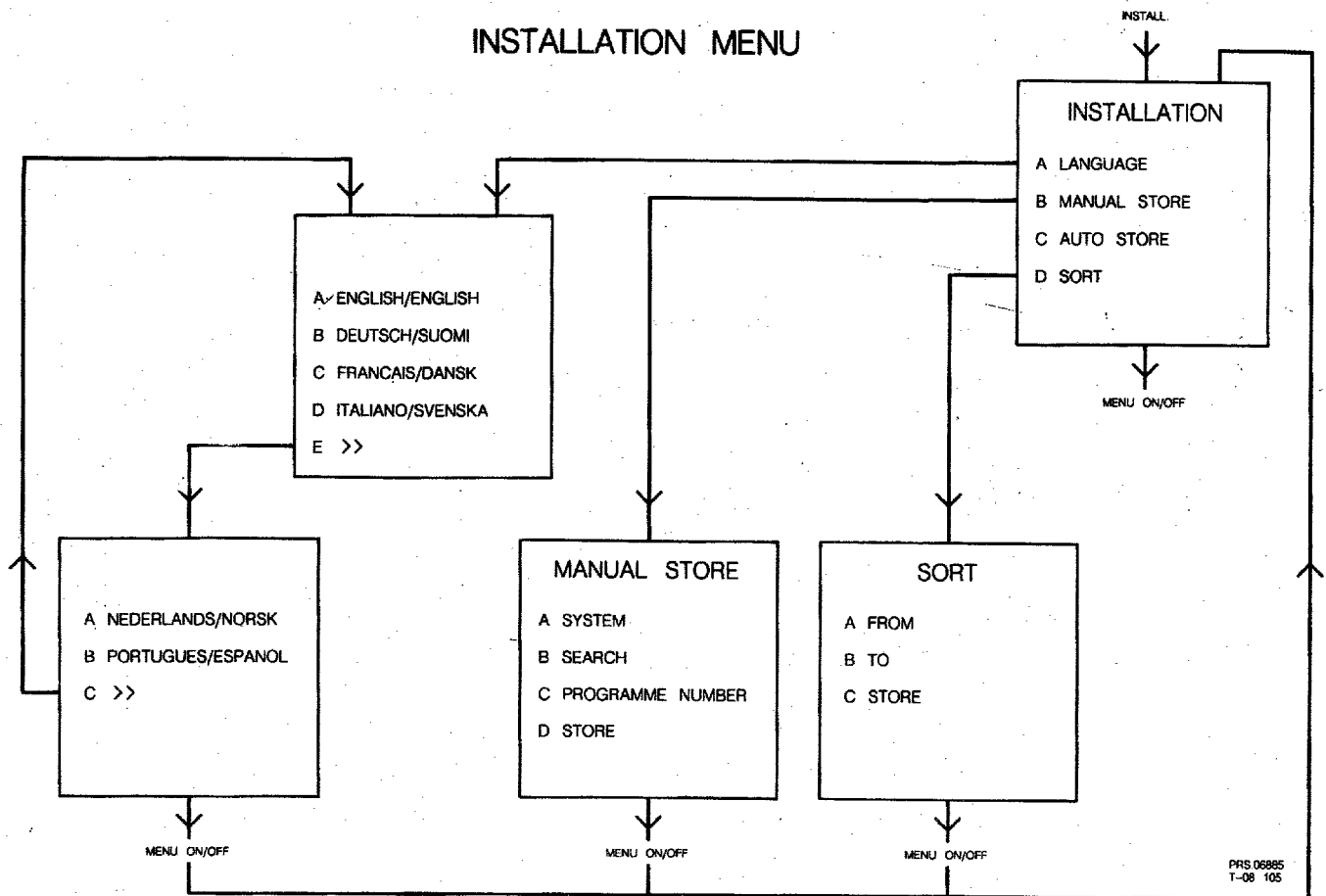
MAIN MENU STEREO

PRS.06884
T-10 105

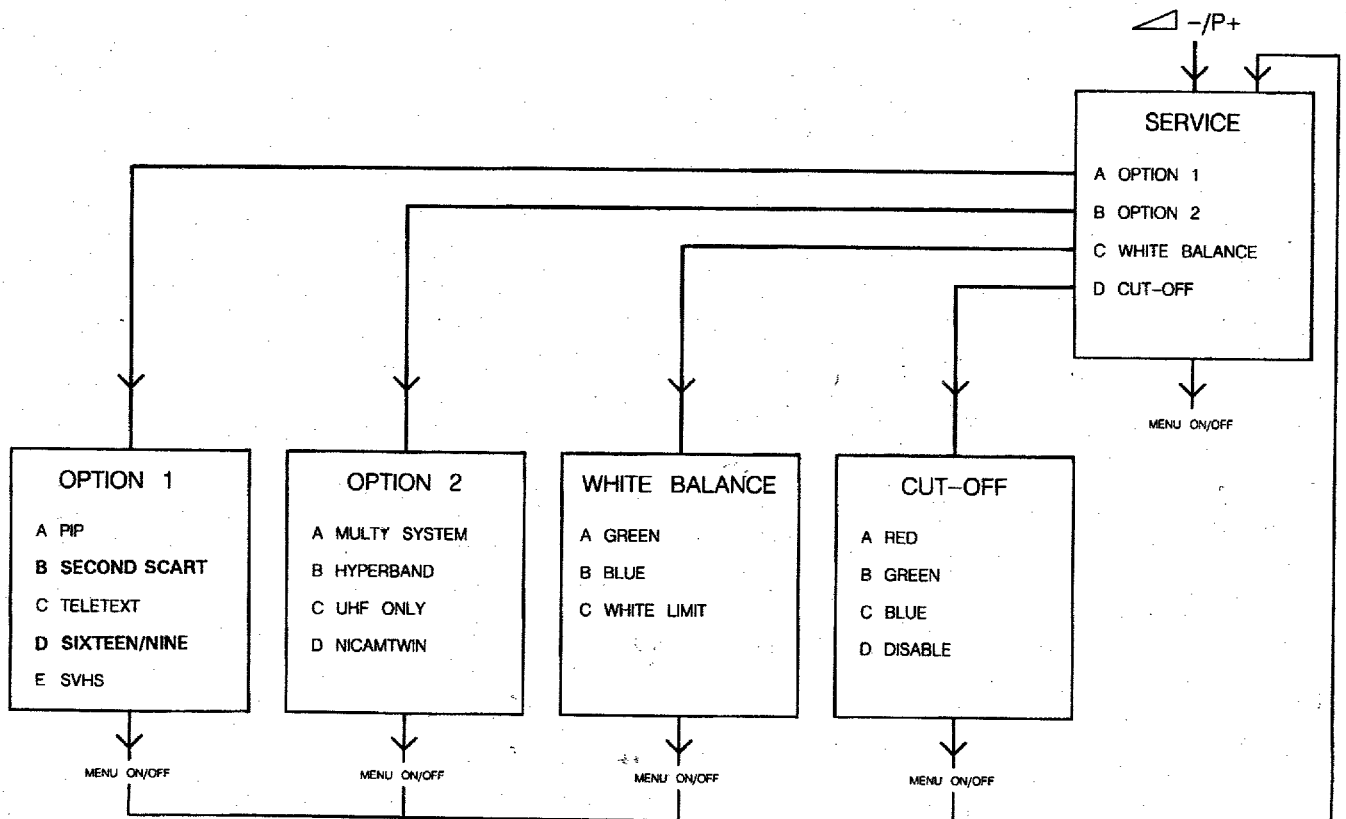
MAIN MENU MONO

PRS.06886
T-08 105

INSTALLATION MENU



SERVICE MENU



Main Carrier

| Mechanical parts | | |
|---------------------|----------------|----------------------|
| | 4822 492 70871 | spring wire |
| | 4822 404 31174 | bracket EURO module |
| ▲ | 4822 256 91766 | Spring fix. |
| 0103 | 4822 466 93111 | insu'ator |
| 0170 | 4822 466 30395 | shield for μP |
| | | |
| 0010 | 4822 265 30389 | 2p male |
| 0011 | 4822 265 30389 | 2p male |
| 0012 | 4822 265 30351 | 5p male |
| 0013 | 4822 265 30378 | 4p male |
| 0014 | 4822 290 40295 | 7p male |
| 0015 | 4822 265 40421 | 6p male |
| 0016 | 4822 264 40207 | 3p male |
| 0017 | 4822 267 50591 | 6p male |
| 0018 | 4822 264 50148 | 8p male |
| 0019 | 4822 264 40239 | 3p male |
| | | |
| 0022 | 4822 267 40666 | 3p male |
| 0023 | 4822 264 40207 | 3p male |
| 0024 | 4822 264 40207 | 3p male |
| 0027 | 4822 265 30351 | 5p male |
| 0028▲ | 4822 265 30877 | 3p |
| | | |
| 0029 | 4822 265 41086 | 9p male |
| 0032 | 4822 290 40283 | 5p male |
| 0035 | 4822 267 20387 | SVHS-connector |
| 0039 | 4822 267 31014 | bushing |
| 0040 | 4822 267 40878 | 3p male |
| | | |
| 0041 | 4822 276 50354 | switch |
| 0042▲ | 4822 256 30274 | Fuse holder |
| 0047 | 4822 267 30631 | cinch fem. 2p |
| 0049 | 4822 267 60243 | euro connector |
| | | |
| | 4822 267 30546 | 6p female |
| | 4822 267 50637 | 10p female |
| | | |
| Various | | |
| | | |
| 1000 | 4822 210 10436 | U944C/IEC |
| 1000 | 4822 210 50124 | UV916E/IEC |
| 1002 | 4822 526 10405 | ferrite bead |
| 1003 | 4822 212 23667 | infra red receiver |
| 1004 | 4822 526 10405 | ferrite bead |
| | | |
| 1240 | 4822 071 51602 | fuse T1.6A |
| 1242 | 4822 071 51602 | fuse T1.6A |
| 1300 | 4822 242 70304 | 8,867MHz |
| 1534 | 4822 071 53151 | fuse T315mA |
| 1559 | 4822 071 51002 | fuse T1A |
| 1580 | 4822 071 51602 | fuse T1.6A |
| 1600 | 4822 070 32002 | fuse T2A |
| 1601 | 4822 071 52502 | fuse T2.5A |
| 1702 | 4822 242 70392 | 6MHz |
| | | |
| -II- | | |
| | | |
| 2001 | 4822 124 40849 | 330 μF 20% 16V |
| 2002 | 4822 122 31797 | 22nF 10% 63V |
| 2003 | 4822 122 31947 | 100nF 20% 63V |
| 2008 | 4822 122 31765 | 100pF 5% 50V |
| 2010 | 4822 124 40435 | 10 μF 20% 50V |
| 2231 | 4822 124 41525 | 100 μF 20% 25V |
| 2232 | 4822 122 32863 | 22nF 80% 50V |
| 2233 | 4822 122 32863 | 22nF 80% 50V |
| 2234 | 4822 122 32863 | 22nF 80% 50V |
| 2235 | 4822 122 32863 | 22nF 80% 50V |
| | | |
| 2236 | 4822 122 31784 | 4,7nF 10% 50V |
| 2237 | 4822 122 31947 | 100nF 20% 63V |
| 2238 | 4822 122 31784 | 4,7nF 10% 50V |
| 2238 ^b | 4822 122 32597 | 6,8nF 10% 63V |
| 2239 | 4822 122 31947 | 100nF 20% 63V |
| 2240 | 4822 124 40214 | 1000 μF 20% 25V |
| 2241 | 4822 122 31947 | 100nF 20% 63V |
| 2242 | 4822 124 40214 | 1000 μF 20% 25V |
| 2243 | 4822 122 32863 | 22nF 80% 50V |
| 2245 | 4822 122 32863 | 22nF 80% 50V |
| 2246 ^b | 4822 124 40849 | 330 μF 20% 16V |
| 2246 | 4822 124 41596 | 22 μF 20% 50V |
| 2248 | 4822 124 40849 | 330 μF 20% 16V |
| 2249 | 4822 122 32863 | 22nF 80% 50V |
| 2250 | 4822 121 41857 | 10nF 5% 250V |
| 2251 | 4822 121 41857 | 10nF 5% 250V |
| 2252 | 4822 121 51252 | 470nF 5% 63V |
| 2254 | 4822 121 51252 | 470nF 5% 63V |
| 2255 | 4822 121 51252 | 470nF 5% 63V |
| 2256 | 4822 122 32142 | 270pF 5% 63V |
| 2257 | 4822 122 32142 | 270pF 5% 63V |
| 2262 | 4822 122 32142 | 270pF 5% 63V |
| 2263 | 4822 122 32142 | 270pF 5% 63V |
| 2264 | 4822 121 51252 | 470nF 5% 63V |
| 2265 | 4822 121 51252 | 470nF 5% 63V |
| 2266 | 4822 124 41796 | 22 μF 20% 16V |
| 2300 | 4822 122 32482 | 22pF 5% 63V |
| 2301 | 4822 122 31773 | 560pF 5% 50V |
| 2303 | 4822 122 32142 | 270pF 5% 63V |
| 2304 ⁷ | 4822 122 31773 | 560pF 5% 50V |
| | | |
| 2304 | 4822 122 32999 | 2,2nF 5% |
| 2305 | 4822 126 10324 | 33pF 63V |
| 2306 | 4822 122 31965 | 220pF 5% 63V |
| 2307 | 4822 122 31965 | 220pF 5% 63V |
| 2308 | 4822 122 32442 | 10nF 50V |
| 2309 | 4822 122 32442 | 10nF 50V |
| 2310 | 4822 122 32442 | 10nF 50V |
| 2311 | 4822 122 33496 | 100nF 10% 63V |
| 2312 | 4822 122 32442 | 10nF 50V |
| 2313 | 4822 125 50045 | 20pF |
| | | |
| 2314 | 5322 121 42661 | 330nF 5% 63V |
| 2315 ^{2,4} | 4822 122 32139 | 12pF 5% 63V |
| 2315 ^{1,3} | 4822 122 32504 | 15pF 5% 50V |
| 2316 | 4822 122 31825 | 27pF 10% 50V |
| 2317 | 4822 122 33466 | 82pF 2% |
| 2318 | 4822 122 32875 | 100pF 5% 50V |
| 2319 | 4822 122 31825 | 27pF 10% 50V |
| 2320 ^{2,4} | 4822 122 31772 | 47pF 5% 50V |
| 2320 ^{1,3} | 4822 122 31839 | 82pF 10% 50V |
| 2321 | 4822 122 31797 | 22nF 10% 63V |
| 2322 | 4822 122 31797 | 22nF 10% 63V |
| 2323 | 4822 122 32542 | 47nF 10% 63V |
| 2325 | 4822 122 32542 | 47nF 10% 63V |
| 2326 ^{7,8} | 4822 051 10008 | jumper |
| 2326 | 4822 122 33496 | 100nF 10% 63V |
| | | |
| 2328 ^{1,3} | 4822 121 41856 | 22nF 5% 250V |
| 2328 ^{2,4} | 4822 121 42408 | 220nF 5% 63V |
| 2329 ^{1,3} | 4822 121 41856 | 22nF 5% 250V |
| 2329 ^{2,4} | 4822 121 42408 | 220nF 5% 63V |
| 2330 | 4822 122 31765 | 100pF 5% 50V |
| 2331 | 4822 122 31765 | 100pF 5% 50V |
| 2332 | 5322 122 31842 | 330pF 5% 63V |
| 2333 | 4822 121 42408 | 220nF 5% 63V |
| 2334 | 4822 122 31965 | 220pF 5% 63V |
| 2335 | 4822 122 31965 | 220pF 5% 63V |
| 2336 | 4822 122 31797 | 22nF 10% 63V |
| 2337 | 4822 122 31797 | 22nF 10% 63V |
| 2338 | 4822 122 31797 | 22nF 10% 63V |
| 2339 | 4822 122 33496 | 100nF 10% 63V |
| 2340 | 4822 122 31797 | 22nF 10% 63V |
| 2341 | 4822 122 31797 | 22nF 10% 63V |
| 2342 | 4822 122 33496 | 100nF 10% 63V |
| 2343 | 4822 122 33496 | 100nF 10% 63V |
| 2344 | 4822 122 33496 | 100nF 10% 63V |
| 2345 | 4822 122 31797 | 22nF 10% 63V |
| 2346 | 4822 122 31765 | 100pF 5% 50V |
| 2347 | 4822 122 31769 | 18pF 5% 50V |
| 2349 | 5322 122 31647 | 1nF 10% 63V |
| 2350 | 4822 122 31797 | 22nF 10% 63V |
| 2351 | 4822 122 31797 | 22nF 10% 63V |
| | | |
| 2352 | 5322 122 31647 | 1nF 10% 63V |
| 2353 | 4822 122 33496 | 100nF 10% 63V |
| 2354 | 4822 124 40242 | 1 μF 20% 63V |
| 2355 | 4822 124 40849 | 330 μF 20% 16V |
| 2356 | 4822 122 31797 | 22nF 10% 63V |
| | | |
| 2357 | 4822 122 31797 | 22nF 10% 63V |
| 2358 | 4822 122 31797 | 22nF 10% 63V |
| 2359 | 4822 122 31765 | 100pF 5% 50V |
| 2360 | 4822 122 33496 | 100nF 10% 63V |
| 2361 | 4822 122 33496 | 100nF 10% 63V |
| 2362 | 4822 122 33496 | 100nF 10% 63V |
| 2363 | 4822 122 31972 | 39pF 5% 50V |
| 2365 | 5322 121 42661 | 330nF 5% 63V |
| 2366 | 4822 124 41566 | 3,3 μF 20% 50V |
| 2367 | 4822 124 41578 | 6,8 μF 20% 50V |
| 2368 | 4822 122 32139 | 12pF 5% 63V |
| 2370 | 4822 121 42408 | 220nF 5% 63V |
| 2371 | 4822 122 31825 | 27pF 10% 50V |
| 2372 | 4822 122 31825 | 27pF 10% 50V |
| 2373 | 4822 122 31825 | 27pF 10% 50V |
| | | |
| 2374 | 4822 122 31772 | 47pF 5% 50V |
| 2375 | 4822 122 31765 | 100pF 5% 50V |
| 2376 | 4822 122 31765 | 100pF 5% 50V |
| 2380 | 4822 122 31766 | 120pF 5% 50V |
| 2381 | 4822 122 31766 | 120pF 5% 50V |
| 2384 | 4822 122 31772 | 47pF 5% 50V |
| 2385 | 4822 122 31765 | 100pF 5% 50V |
| 2386 | 4822 122 33481 | 1,8nF 15% |
| 2450 | 4822 124 80059 | 100 μF 20% 25V |
| 2451 | 4822 122 33496 | 100nF 10% 63V |
| | | |
| 2455 | 5322 122 31647 | 1nF 10% 63V |
| 2455 ² | 5322 122 33446 | 3,3nF 10% 63V |
| 2456 | 4822 124 80059 | 100 μF 20% 25V |
| 2457 | 4822 122 33496 | 100nF 10% 63V |
| 2458 | 4822 121 42937 | 2,7nF 1% 250V |
| 2459 | 4822 122 33496 | 100nF 10% 63V |
| 2460 ¹ | 4822 122 31644 | 2,2nF 10% 63V |
| 2460 | 4822 122 32442 | 10nF 50V |
| 2461 | 5322 122 31647 | 1nF 10% 63V |
| 2462 | 4822 122 31797 | 22nF 10% 63V |
| 2464 | 4822 122 33496 | 100nF 10% 63V |
| 2465 | 4822 124 40849 | 330 μF 20% 16V |
| 2466 | 4822 124 22403 | 10 μF 20% 16V |
| 2467 | 4822 122 33496 | 100nF 10% 63V |
| 2468 | 4822 124 40244 | 2,2 μF 20% 63V |
| 2469 | 4822 124 41596 | 22 μF 20% 50V |
| 2470 | 4822 122 31772 | 47pF 5% 50V |
| 2471 | 5322 121 42661 | 330nF 5% 63V |
| 2473 | 5322 121 42661 | 330nF 5% 63V |
| 2475 | 4822 122 33496 | 100nF 10% 63V |
| | | |
| 2500 ³ | 4822 122 31727 | 470pF 5% 63V |
| 2500 ⁴ | 4822 122 31771 | 390pF 5% 50V |
| 2500 ^{1,2} | 4822 122 31965 | 220pF 5% 63V |
| 2501 | 4822 122 33481 | 1,8nF 15% |
| 2502 | 5322 124 41381 | 22 μF 20% 50V |
| 2505 | 4822 122 32542 | 47nF 10% 63V |
| 2506 ³ | 4822 124 80062 | 470 μF 20% 35V |
| 2506 ⁴ | 4822 124 80063 | 680 μF 20% 35V |
| 2506 ^{1,2} | 4822 124 80065 | 1000 μF 20% 50V |
| | | |
| 2507 | 4822 122 31797 | 22nF 10% 63V |
| 2509 | 5322 124 41379 | 2,2 μF 20% 50V |
| 2524 | 4822 124 42187 | 4,7 μF 20% 50V |
| 2538 | 4822 121 43856 | 4,7nF 5% 250V |
| 2539 | 4822 124 80057 | 330 μF 20% 16V |

Main carrier

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|---------|---------------------|----------------|----------------|------|----------------|---------------|---------------------|----------------|---------------|
| 5% 50V | 2545 ^{1,2} | 4822 126 10202 | 1,5nF 10% 2KV | 2712 | 4822 122 31825 | 27pF 10% 50V | 3263 | 4822 051 10008 | jumper |
| % 50V | 2545 ^{3,4} | 4822 126 11539 | 1,2nF 10% 2KV | 2713 | 4822 124 41525 | 100µF 20% 25V | 3263 ^b | 4822 051 10562 | 5k6 2% 0,25W |
| % 63V | 2546 ¹ | 4822 121 43061 | 8,2nF 5% 1,6KV | 2714 | 4822 122 31766 | 120pF 5% 50V | 3264 | 4822 051 10008 | jumper |
| 0% 63V | 2546 ² | 4822 121 43076 | 11nF 5% 1600V | 2715 | 4822 122 31766 | 120pF 5% 50V | 3264 ^b | 4822 051 10562 | 5k6 2% 0,25W |
| 0% 63V | 2546 ³ | 4822 121 70109 | 7,5nF 5% 1,6KV | 2716 | 4822 122 33496 | 100nF 10% 63V | 3265 | 4822 050 21008 | 1Ω 1% 0,6W |
| % 63V | 2546 ⁴ | 5322 121 44345 | 15nF 5% 1,6KV | 2717 | 4822 122 31644 | 2,2nF 10% 63V | 3266 | 4822 050 21008 | 1Ω 1% 0,6W |
| 10% 63V | 2547 ^{1,2} | 4822 121 40488 | 22nF 10% 400V | 2718 | 4822 122 33496 | 100nF 10% 63V | 3267 | 4822 051 10103 | 10k 2% 0,25W |
| % 63V | 2547 ³ | 5322 121 44151 | 33nF 10% 400V | 2719 | 5322 121 42386 | 100nF 5% 63V | 3268 | 4822 051 10103 | 10k 2% 0,25W |
| 20% 16V | 2547 ⁴ | 5322 121 44219 | 47nF 10% 400V | 2721 | 4822 122 32442 | 10nF 50V | 3300 | 4822 051 10822 | 8k2 2% 0,25W |
| 0% 63V | 2549 ¹ | 4822 121 42073 | 390nF 10% 400V | 2722 | 4822 122 31947 | 100nF 20% 63V | 3301 | 4822 051 10272 | 2k7 2% 0,25W |
| 0% 63V | 2549 ² | 4822 121 42074 | 470nF 10% 400V | 2781 | 4822 122 33496 | 100nF 10% 63V | 3302 | 4822 051 20222 | 2k2 5% 0,1W |
| 0% 63V | 2550 ^{1,2} | 4822 121 51527 | 390nF 5% 250V | 2850 | 4822 124 41506 | 47µF 20% 16V | 3303 ^{7,8} | 4822 051 10122 | 1k2 2% 0,25W |
| 5% 50V | 2550 ³ | 4822 121 51601 | 470nF 10% 200V | 2851 | 4822 122 31766 | 120pF 5% 50V | 3303 | 4822 051 10332 | 3k3 2% 0,25W |
| 10% 63V | 2550 ⁴ | 5322 121 44128 | 680nF 10% 250V | 2852 | 4822 122 33496 | 100nF 10% 63V | 3304 | 4822 051 10182 | 1k8 2% 0,25W |
| 10% 63V | 2551 | 4822 124 80069 | 1µF 20% 160V | 2853 | 4822 122 31784 | 4,7nF 10% 50V | 3305 | 4822 051 10431 | 430Ω 2% 0,25W |
| 10% 63V | 2559 | 4822 124 80059 | 100µF 20% 25V | 2854 | 4822 122 33496 | 100nF 10% 63V | 3306 | 4822 051 10103 | 10k 2% 0,25W |
| % 50V | 2560 ¹ | 4822 121 51408 | 33nF 10% 250V | 2875 | 5322 121 42386 | 100nF 5% 63V | 3307 ^{2,4} | 4822 051 10681 | 680Ω 2% 0,25W |
| 5% 63V | 2570 | 4822 124 80071 | 22µF 20% 160V | | | | 3307 ^{1,3} | 4822 051 10821 | 820Ω 2% 0,25W |
| 20% 50V | 2574 | 4822 122 10175 | 2,2nF 10% 50V | | | | 3308 | 4822 051 10331 | 330Ω 2% 0,25W |
| 20% 50V | 2580 | 4822 124 80061 | 1000µF 20% 25V | | | | 3309 | 4822 051 10331 | 330Ω 2% 0,25W |
| 5% 63V | 2585 ² | 4822 124 80058 | 68µF 20% 25V | | | | 3310 | 4822 051 10512 | 5k1 2% 0,25W |
| 5% 63V | 2585 ¹ | 5322 124 21731 | 10µF 20% 50V | | | | 3311 | 4822 051 10391 | 390Ω 2% 0,25W |
| 10% 50V | 2588 ^{1,2} | 4822 122 31644 | 2,2nF 10% 63V | | | | 3312 | 4822 101 11186 | 470Ω 30% 0,1W |
| 10% 50V | 2588 ⁴ | 5322 122 31647 | 1nF 10% 63V | | | | 3313 ^{7,8} | 4822 051 10103 | 10k 2% 0,25W |
| 10% 50V | 2590 | 5322 121 42498 | 680nF 5% 63V | | | | 3313 | 4822 051 10682 | 6k8 2% 0,25W |
| 5% 50V | 2600 ¹ | 4822 124 41531 | 470nF 10% 250V | | | | 3314 | 4822 051 10103 | 10k 2% 0,25W |
| 5% 50V | 2605 ^{1,2} | 4822 124 80053 | 220µF 20% 385V | | | | 3318 | 4822 051 10472 | 4k7 2% 0,25W |
| 5% 50V | 2605 ^{3,4} | 4822 124 80134 | 150µF 20% 400V | | | | 3323 | 4822 116 52272 | 330k 5% 0,5W |
| 5% 50V | 2607 ¹ | 4822 121 51469 | 1nF 400V | | | | 3325 | 4822 051 10271 | 270Ω 2% 0,25W |
| 5% 50V | 2611 | 5322 124 41299 | 68µF 20% 25V | | | | 3326 | 4822 051 10271 | 270Ω 2% 0,25W |
| 5% 50V | 2617 ^{3,4} | 4822 121 51252 | 470nF 5% 63V | | | | 3327 | 4822 050 11202 | 1k2 1% 0,4W |
| 5% 50V | 2617 ^{1,2} | 4822 121 51319 | 1µF 10% 63V | | | | 3328 | 4822 051 10473 | 47k 2% 0,25W |
| 15% | 2620 | 5322 121 42465 | 68nF 5% 63V | | | | 3330 | 4822 051 10105 | 10Ω 2% 0,25W |
| 20% 25V | 2625 | 4822 122 40593 | 1nF 10% 1KV | | | | 3331 | 4822 051 10109 | 10Ω 2% 0,25W |
| 10% 63V | 2626 | 4822 122 40594 | 470pF 10% 1KV | | | | 3332 | 4822 050 23901 | 390Ω 1% 0,6W |
| 0% 63V | 2629 | 4822 122 31784 | 4,7nF 10% 50V | | | | 3334 | 4822 050 21809 | 18Ω 1% 0,6W |
| 10% 63V | 2630 ^{3,4} | 4822 124 23418 | 47µF 200V | | | | 3335 | 4822 116 52184 | 18Ω 5% 0,5W |
| 20% 25V | 2630 ^{1,2} | 4822 124 80055 | 100µF 10% 160V | | | | 3336 ^{2,4} | 4822 052 10189 | 18Ω 5% 0,33W |
| 10% 63V | 2631 ^{3,4} | 4822 124 23418 | 47µF 200V | | | | 3336 ^{1,3} | 4822 052 10279 | 27Ω 5% 0,33W |
| 1% 250V | 2631 ^{1,2} | 4822 124 80055 | 100µF 10% 160V | | | | 3337 ^{2,4} | 4822 052 10189 | 18Ω 5% 0,33W |
| 10% 63V | 2632 | 4822 126 11382 | 1nF 10% 1KV | | | | 3337 ^{1,3} | 4822 052 10279 | 27Ω 5% 0,33W |
| 10% 63V | 2636 | 4822 122 31644 | 2,2nF 10% 63V | | | | 3338 | 4822 050 11002 | 1k 1% 0,4W |
| 50V | 2640 | 4822 124 80061 | 1000µF 20% 25V | | | | 3339 | 4822 116 52243 | 1k5 5% 0,5W |
| 0% 63V | 2641 | 4822 124 80061 | 1000µF 20% 25V | | | | 3340 | 4822 050 11002 | 1k 1% 0,4W |
| 10% 63V | 2646 | 4822 124 80054 | 15µF 20% 50V | | | | 3341 | 4822 051 10103 | 10k 2% 0,25W |
| 10% 63V | 2649 | 4822 122 33496 | 100nF 10% 63V | | | | 3342 ^{2,4} | 4822 051 10102 | 1k 2% 0,25W |
| 20% 16V | 2650 | 4822 122 33496 | 100nF 10% 63V | | | | 3342 ^{1,3} | 4822 051 10122 | 1k2 2% 0,25W |
| 20% 16V | 2652 | 5322 122 32331 | 1nF 10% 100V | | | | 3343 | 4822 051 10104 | 100k 2% 0,25W |
| 10% 63V | 2653 | 5322 122 32331 | 1nF 10% 100V | | | | 3344 | 4822 051 10103 | 10k 2% 0,25W |
| 20% 63V | 2658 | 5322 122 32838 | 82nF 10% 63V | | | | 3347 | 4822 116 52219 | 330Ω 5% 0,5W |
| 20% 50V | 2660 | 4822 124 80061 | 1000µF 20% 25V | | | | 3348 | 4822 116 52219 | 330Ω 5% 0,5W |
| 5% 50V | 2661 | 4822 124 41506 | 47µF 20% 16V | | | | 3349 | 4822 116 52219 | 330Ω 5% 0,5W |
| 5% 63V | 2662 ^{3,4} | 4822 122 31965 | 220pF 5% 63V | | | | 3350 | 4822 050 11002 | 1k 1% 0,4W |
| 5% 63V | 2662 ^{1,2} | 4822 122 32142 | 270pF 5% 63V | | | | 3351 | 4822 116 52263 | 2k7 5% 0,5W |
| 10% 63V | 2663 ^{3,4} | 4822 122 31765 | 100pF 5% 50V | | | | 3352 | 4822 116 52263 | 2k7 5% 0,5W |
| 5% 63V | 2663 ^{1,2} | 4822 122 31839 | 82pF 10% 50V | | | | 3353 | 4822 116 52263 | 2k7 5% 0,5W |
| 5% 50V | 2664 | 5322 124 41379 | 2,2µF 20% 50V | | | | 3354 | 4822 051 10221 | 220Ω 2% 0,25W |
| 5% 63V | 2670 | 4822 122 31766 | 120pF 5% 50V | | | | 3357 | 4822 051 10102 | 1k 2% 0,25W |
| 15% | 2671 | 4822 121 42408 | 220nF 5% 63V | | | | 3358 | 4822 051 10331 | 330Ω 2% 0,25W |
| 20% 50V | 2675 ^{3,4} | 4822 124 80064 | 680µF 20% 50V | | | | 3359 | 4822 051 10331 | 330Ω 2% 0,25W |
| 10% 63V | 2675 ^{1,2} | 4822 124 80065 | 1000µF 20% 50V | | | | 3360 | 4822 051 10102 | 1k 2% 0,25W |
| 20% 35V | 2676 | 5322 122 32331 | 1nF 10% 100V | | | | 3361 | 4822 051 10102 | 1k 2% 0,25W |
| 20% 35V | 2704 | 4822 122 32542 | 47nF 10% 63V | | | | 3362 | 4822 051 10472 | 4k7 2% 0,25W |
| 20% 50V | 2705 | 4822 122 31766 | 120pF 5% 50V | | | | 3365 | 4822 116 52272 | 330k 5% 0,5W |
| 10% 63V | 2706 | 5322 124 41299 | 68µF 20% 25V | | | | 3366 | 4822 116 52297 | 68k 5% 0,5W |
| 20% 50V | 2707 | 4822 122 32442 | 10nF 50V | | | | 3367 | 4822 116 52175 | 100Ω 5% 0,5W |
| 20% 50V | 2708 | 4822 122 31766 | 120pF 5% 50V | | | | 3368 | 4822 116 52175 | 100Ω 5% 0,5W |
| 5% 250V | 2709 | 4822 122 32507 | 6,8pF 5% 50V | | | | 3369 | 4822 116 52175 | 100Ω 5% 0,5W |
| 20% 16V | 2710 | 4822 122 32507 | 6,8pF 5% 50V | | | | 3370 | 4822 051 10472 | 4k7 2% 0,25W |
| | 2711 | 4822 122 31825 | 27pF 10% 50V | | | | 3371 | 4822 051 10332 | 3k3 2% 0,25W |

Main carrier

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| 3871 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3872 | 4822 051 10102 | 1k 2% 0,25W |
| 3874 | 4822 050 21008 | 1Ω 1% 0,6W |
| 3875 | 4822 051 10154 | 150k 2% 0,25W |
| 3879 | 4822 051 10122 | 1k2 2% 0,25W |
| 3880 | 4822 051 10332 | 3k3 2% 0,25W |
| 3881 | 4822 116 52217 | 270Ω 5% 0,5W |
| 3882 | 4822 116 52217 | 270Ω 5% 0,5W |
| 3884 | 4822 051 10681 | 680Ω 2% 0,25W |
| 3885 | 4822 051 10821 | 820Ω 2% 0,25W |
| 3886 | 4822 051 10472 | 4k7 2% 0,25W |
| 3887 | 4822 116 52207 | 1k2 5% 0,5W |
| 3888 | 4822 116 52289 | 5k6 5% 0,5W |
| 3890 | 4822 051 10103 | 10k 2% 0,25W |
| 9723 | 4822 116 52234 | 100K 5% 0,5W |

Jumper

| | | |
|--------|----------------|--------------|
| 4221.. | 4822 051 10008 | jumper |
| 4318 | | |
| 4319 | 4822 051 10152 | 1k5 2% 0,25W |
| 4320.. | 4822 051 10008 | jumper |
| 4329 | | |
| 4330 | 4822 051 10102 | 1k 2% 0,25W |
| 4450.. | 4822 051 10008 | jumper |
| 4867 | | |



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| 5001 | 4822 157 60138 | 47μH |
| 5240 | 4822 158 10551 | 27μH |
| 5242 | 4822 158 10551 | 27μH |
| 5301 | 4822 157 63075 | 7,95μH |
| 5303 | 4822 157 53906 | 47μH |
| 5304 | 4822 157 63074 | 7,6μH 4.3MHz |
| 5306 | 4822 320 40081 | 470ns |
| 5534A ^{3,4} | 4822 157 62771 | coil |
| 5534A ^{1,2} | 4822 158 10728 | coil |
| 5541A | 4822 157 63078 | line driver |
| 5545A ² | 4822 140 10414 | LOT 25"/28" BL |
| 5545A ¹ | 4822 140 10417 | LOT 25"/28" BM |
| 5545A ³ | 4822 140 10418 | LOT 21" MN |
| 5545A ⁴ | 4822 140 10435 | LOT 21" NN |
| 5549 | 4822 157 53069 | coil balance |
| 5554A | 4822 157 63079 | AT4042/97 |
| 5554A ³ | 4822 157 63161 | AT4042/90G |
| 5582 | 5322 157 52539 | 15μH |
| 5588 | 4822 157 52505 | 33μH |
| 5605A | 4822 157 53995 | 100μH |
| 5606A | 4822 157 53995 | 100μH |
| 5619 ^{1,2} | 4822 156 21125 | 3,9μH |
| 5619 ^{3,4} | 4822 157 51235 | 4μH 7 10% |
| 5625A ^{3,4} | 4822 148 81159 | SOPS trafo |
| 5625A ^{1,2} | 4822 148 81168 | SOPS trafo |
| 5630 | 4822 157 60387 | 1μH |
| 5631 | 4822 158 10551 | 27μH |
| 5632 | 4822 158 10551 | 27μH |
| 5661 | 4822 157 52279 | 33μH 10% |
| 5701 | 4822 157 52843 | 56μH 5% |
| 5703 | 4822 157 52279 | 33μH 10% |



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| 6245 | 4822 130 30621 | 1N4148 |
| 6246 | 4822 130 81139 | LLZ-C3V3 |
| 6247 | 4822 130 81139 | LLZ-C3V3 |
| 6248 | 4822 130 80446 | LL4148 |
| 6249 | 4822 130 80446 | LL4148 |
| 6300 | 4822 130 80446 | LL4148 |
| 6302 | 4822 130 34382 | BZX79-C8V2 |
| 6303 | 4822 130 34382 | BZX79-C8V2 |

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| 6310 | 4822 130 80884 | LLZ-C5V1 |
| 6315 | 4822 130 80446 | LL4148 |
| 6316 | 4822 130 30621 | 1N4148 |
| 6317 | 4822 130 30621 | 1N4148 |
| 6318 | 4822 051 10008 | jumper |
| 6319 | 4822 130 34379 | BZX79-C27 |
| 6320 | 4822 130 80877 | BAV103 |
| 6367 | 4822 130 80884 | LLZ-C5V1 |
| 6464 | 4822 130 81015 | LLZ-C10 |
| 6465 ^{3,4} | 4822 130 34281 | BZX79-F15 |
| 6465 ¹ | 4822 130 61219 | BZX79-F10 |
| 6465 ² | 4822 130 80239 | BZX79-F8V2 |
| 6466 | 4822 130 80446 | LL4148 |
| 6467 | 4822 130 80446 | LL4148 |
| 6503 | 4822 130 42488 | BYD33D |
| 6504 | 4822 130 80446 | LL4148 |
| 6546 | 4822 130 41275 | BY228/20 |
| 6547 | 4822 130 41602 | BYW95C/20 |
| 6548 | 4822 130 30621 | 1N4148 |
| 6551 | 4822 130 42489 | BYD33G |
| 6560 | 4822 130 80446 | LL4148 |
| 6561 | 4822 130 30864 | BZX79-C68 |
| 6563 | 4822 130 80915 | BYD74C |
| 6570 | 4822 130 42489 | BYD33G |
| 6571 | 4822 130 42488 | BYD33D |
| 6580 | 4822 130 80791 | BYV28-200/20 |
| 6580 ² | 4822 130 82512 | BYV29F-400 |
| 6585 | 4822 130 42489 | BYD33G |
| 6590 | 4822 130 81141 | LLZ-C43 |
| 6591 | 4822 130 30621 | 1N4148 |
| 6592 | 4822 130 80928 | BZX79-C30 |
| 6610 | 4822 130 80446 | LL4148 |
| 6611 | 5322 130 34413 | BZT03-C16 |
| 6612 | 4822 130 30621 | 1N4148 |
| 6617 | 4822 130 31456 | BZV85-C5V1 |
| 6621 | 4822 130 42488 | BYD33D |
| 6622 | 4822 130 30621 | 1N4148 |
| 6624 | 4822 130 31933 | 1N5061 |
| 6625 | 4822 130 31933 | 1N5061 |
| 6630 ^{1,2} | 4822 130 33531 | BY229F-600 |
| 6630 ^{3,4} | 4822 130 81175 | BYD74G |
| 6640 | 4822 130 80914 | BYD74B |
| 6641 | 4822 130 80914 | BYD74B |
| 6646 | 4822 130 42488 | BYD33D |
| 6648 ^{1,2} | 4822 130 34488 | BZX79-F12 |
| 6648 ^{3,4} | 4822 130 61219 | BZX79-F10 |
| 6649 | 4822 130 30621 | 1N4148 |
| 6660 | 4822 130 30621 | 1N4148 |
| 6661 | 4822 130 42488 | BYD33D |
| 6662 | 4822 130 80905 | LLZ-F5V1 |
| 6663 | 4822 130 34281 | BZX79-F15 |
| 6664 ^{3,4} | 4822 130 30862 | BZX79-F9V1 |
| 6664 ^{1,2} | 4822 130 61219 | BZX79-F10 |
| 6665 | 4822 130 80883 | LLZ-C4V7 |
| 6666 ^{1,2} | 4822 130 80887 | LLZ-C36 |
| 6666 ^{3,4} | 4822 130 81141 | LLZ-C43 |
| 6669 | 4822 130 80446 | LL4148 |
| 6670 | 4822 130 20272 | E0102AA |
| 6675 | 4822 130 80914 | BYD74B |
| 6705 | 4822 130 80905 | LLZ-F5V1 |
| 6707 | 4822 209 72895 | TLUV5320 |
| 6708 | 4822 130 81145 | LLZ-F2V4 |
| 6709 | 4822 130 82037 | HZT33 |



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| 7003 | 4822 130 42133 | BC817 |
| 7240 ^{1b} | 4822 209 73253 | TDA2613/N1 |
| 7240 | 4822 209 73853 | TDA1521/N4 |
| 7243 | 5322 130 42012 | BC858 |







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|---------------------|----------------|----------------|
| 7244 | 4822 130 42513 | BC858C |
| 7245 | 5322 130 42136 | BC848C |
| 7246 | 5322 130 42136 | BC848C |
| 7247 | 5322 130 42136 | BC848C |
| 7248 | 4822 130 61207 | BC848 |
| 7249 | 4822 130 61207 | BC848 |
| 7301 | 4822 130 61207 | BC848 |
| 7302 | 5322 130 42012 | BC858 |
| 7303 | 4822 130 61207 | BC848 |
| 7305 | 4822 209 30389 | TDA4510/V8 |
| 7306 | 4822 209 30837 | TDA4650/V4/S1 |
| 7307 | 4822 209 31216 | TDA4661 |
| 7308 | 4822 209 71512 | TDA4565/V6 |
| 7309 | 4822 209 63733 | TDA4680/V5 |
| 7310 | 4822 130 61207 | BC848 |
| 7311 | 5322 209 10576 | 4053B |
| 7312 | 5322 209 10576 | 4053B |
| 7341 | 4822 130 61207 | BC848 |
| 7370 | 4822 130 61207 | BC848 |
| 7371 | 4822 130 61207 | BC848 |
| 7372 | 4822 130 61207 | BC848 |
| 7373 | 4822 130 61207 | BC848 |
| 7374 | 4822 130 61207 | BC848 |
| 7455 | 5322 130 42012 | BC858 |
| 7470 | 4822 209 63423 | TDA2579B/N2 |
| 7471 | 4822 130 61207 | BC848 |
| 7472 | 5322 130 42136 | BC848C |
| 7500 | 4822 130 41344 | BC337-40 |
| 7502 | 4822 130 60775 | 2SD1266P |
| 7503 | 4822 130 61236 | BD234 |
| 7504 | 4822 130 61207 | BC848 |
| 7505 | 5322 130 42012 | BC858 |
| 7540 | 4822 130 41344 | BC337-40 |
| 7545 ^{3,4} | 4822 130 61265 | BU508AF |
| 7546 ³ | 4822 130 42679 | BUT11AF/1 |
| 7546 ⁴ | 4822 130 62735 | BUT12AF |
| 7591 | 5322 130 42012 | BC858 |
| 7600 | 4822 209 63735 | TDA8385/N2 |
| 7614A | 4822 209 30992 | CNR50 |
| 7625 | 4822 130 62735 | BUT12AF |
| 7661 | 5322 130 44921 | BD943 |
| 7663 | 4822 130 42513 | BC858C |
| 7671 | 4822 130 61207 | BC848 |
| 7672 | 4822 130 61207 | BC848 |
| 7703 | 4822 130 61207 | BC848 |
| 7704 | 4822 130 61207 | BC848 |
| 7705 | 4822 130 61207 | BC848 |
| 7706 | 4822 130 61207 | BC848 |
| 7707 | 4822 130 61207 | BC848 |
| 7708 | 4822 209 31209 | UP GR2STL1-5.2 |
| 7708 | 4822 209 31211 | UP GR2STL2-5.2 |
| 7708 | 4822 209 31212 | UP GR2STL3-1.0 |
| 7708 | 4822 209 31213 | UP GR2M1/2-5.1 |
| 7710 | 4822 209 62098 | ST24C02AB1 |
| 7850 | 4822 130 61207 | BC848 |
| 7885 | 4822 130 61207 | BC848 |
| 7886 | 4822 130 61207 | BC848 |

- 1) 25"/28" Black Matrix
 1b) Black Matrix mono
 2) 25"/28" Black Line
 3) 21" Mini Neck
 4) 21" Narrow Neck
 7) system BG
 8) system I

L1 = English, German, French, Italian, Dutch, Portuguese
 L2 = English, Finnish, Danish, Swedish, Norwegian, Spanish
 L3 = English, German, French, Hungarian, Czech, Russian
 M1/2 = L1 + L2

Mains module

CRT module

| 4822 212 23664 mains module | | | 1 4822 212 30057 CRT Black Matrix | | | 3315 4822 051 10124 120k 2% 0,25W | | |
|---|----------------|----------------|---|--|--|--|--|--|
| Mechanical parts | | | 2 4822 212 30058 CRT Black Line | | | 3316 4822 051 10124 120k 2% 0,25W | | |
| 0010A | 4822 265 30389 | 2p male | 3 4822 212 30059 CRT Mini Neck | | | 3331 4822 051 10131 130Ω 2% 0,25W | | |
| 0032A | 4822 265 30389 | 2p male | 4 4822 212 30061 CRT Narrow Neck | | | 3332 4822 051 10362 3k6 2% 0,25W | | |
| 0033A | 4822 265 30877 | 3p male | Mechanical parts | | | 3332 ² 4822 051 20222 2k2 5% 0,1W | | |
|  | | | 0017 4822 290 40283 5p male | | | 3333 ³ 4822 051 10272 2k7 2% 0,25W | | |
| 2601A | 4822 121 40487 | 100nF 10% 400V | 0018 4822 267 40878 3p male | | | 3333 4822 116 52263 2k 7 5% 0,5W | | |
| 2602 | 4822 126 11141 | 2,2nF 10% 1kV | 0019 4822 265 30378 4p male | | | 3334 4822 116 52239 120k 5% 0,5W | | |
| 2604 | 4822 126 11141 | 2,2nF 10% 1kV | 0020 4822 290 40295 7p male | | | 3338 4822 051 10118 1Q1 5% 0,25W | | |
|  | | | 0021 ³ 4822 255 70251 CRT socket | | | 3338 ³ 4822 051 10479 47Ω 2% 0,25W | | |
| 3601A | 4822 116 40211 | PTC/NTC | 0021 4822 255 70261 CRT socket | | | 3340 4822 116 52219 330Ω 5% 0,5W | | |
| 3607 | 4822 050 23901 | 390Ω 1% 0,6W | 4822 320 20188 focus cable | | | 3341 4822 053 12153 15k 5% 3W | | |
|  | | | 4822 267 31168 3p female | | | 3342 4822 052 10271 270Ω 5% 0,33W | | |
| 5600A | 4822 157 63073 | filter | 4822 267 50824 4p female | | | 3343 4822 052 10271 270Ω 5% 0,33W | | |
|  | | | 4822 265 40252 7p female | | | 3344 4822 050 21502 1k5 1% 0,6W | | |
| 6602 | 4822 130 31933 | 1N5061 | 4822 290 40287 5p female | | | 3345 4822 051 10681 680Ω 2% 0,25W | | |
| 6603 | 4822 130 31933 | 1N5061 | 4822 492 70871 spring | | | 3361 4822 116 52208 130Ω 5% 0,5W | | |
| 6604 | 4822 130 31933 | 1N5061 |  | | | 3362 4822 051 10362 3k6 2% 0,25W | | |
| 6605 | 4822 130 31933 | 1N5061 | 2301 ⁴ 4822 122 31769 18pF 5% 50V | | | 3362 ² 4822 051 20222 2k2 5% 0,1W | | |
| | | | 2301 4822 122 32482 22pF 5% 63V | | | 3363 4822 051 10272 2k7 2% 0,25W | | |
| | | | 2301 ² 4822 126 10324 33pF 63V | | | 3364 4822 051 10223 22k 2% 0,25W | | |
| | | | 2331 ¹ 4822 122 31769 18pF 5% 50V | | | 3368 4822 051 10118 1Q1 5% 0,25W | | |
| | | | 2331 ² 4822 122 31825 27pF 10% 50V | | | 3368 ² 4822 051 10479 47Ω 2% 0,25W | | |
| | | | 2331 ³ 4822 122 32482 22pF 5% 63V | | | 3370 4822 116 52219 330Ω 5% 0,5W | | |
| | | | 2331 ⁴ 4822 122 32504 15pF 5% 50V | | | 3371 ² 4822 053 12103 10k 5% 3W | | |
| | | | 2344 ³ 4822 124 21208 4,7μF 20% 50V | | | 3371 4822 053 12153 15k 5% 3W | | |
| | | | 2344 4822 124 40246 4,7μF 20% 63V | | | 3372 4822 052 10271 270Ω 5% 0,33W | | |
| | | | 2361 ³ 4822 122 31769 18pF 5% 50V | | | 3373 4822 052 10271 270Ω 5% 0,33W | | |
| | | | 2361 ² 4822 122 31825 27pF 10% 50V | | | 3374 4822 050 21502 1k5 1% 0,6W | | |
| | | | 2361 ⁴ 4822 122 32139 12pF 5% 63V | | | 3382 ² 4822 051 10392 3k9 2% 0,25W | | |
| | | | 2361 ¹ 4822 122 32504 15pF 5% 50V | | | 3382 4822 051 10432 4k3 2% 0,25W | | |
| | | | 2391 4822 121 43878 27pF 2% 500V | | | 3383 4822 116 52284 47k 5% 0,5W | | |
| | | | 2411 4822 124 80057 330μF 20% 16V | | | 3384 4822 116 52277 39k 5% 0,5W | | |
| | | | 2421 4822 122 32482 22pF 5% 63V | | | 3385 4822 051 10104 100k 2% 0,25W | | |
| | | | 2431 4822 121 41689 100nF 10% 250V | | | 3391 4822 116 52234 100k 5% 0,5W | | |
| | | | 2432 ³ 4822 124 80056 47μF 20% 16V | | | 3392 4822 051 10103 10k 2% 0,25W | | |
| | | | 2432 5322 124 41381 22μF 20% 50V | | | 3395 4822 051 10122 1k2 2% 0,25W | | |
| | | | 2433 5322 121 50885 33nF 5% 1kV | | | 3396 4822 051 10124 120k 2% 0,25W | | |
| | | | 2434 5322 122 32334 220pF 10% 100V | | | 3397 4822 051 10124 120k 2% 0,25W | | |
| | | | 2520 5322 124 41299 68μF 20% 25V | | | 3411 4822 116 52249 1k 8 5% 0,5W | | |
| | | | 2521 4822 122 32891 68nF 10% 63V | | | 3413 4822 116 52218 300Ω 5% 0,5W | | |
| | | | 2522 5322 121 42661 330nF 5% 63V | | | 3414 4822 051 10519 51Ω 2% 0,25W | | |
| | | | 2523 4822 122 33105 56nF 10% 63V | | | 3415 4822 116 52218 300Ω 5% 0,5W | | |
| | | | 2526 ² 4822 122 32856 8,2nF 10% 63V | | | 3421 ³ 4822 051 10104 100k 2% 0,25W | | |
| | | | 2526 ¹ 5322 122 31648 12nF 10% 50V | | | 3421 4822 051 10184 180k 2% 0,25W | | |
| | | | 2531 ⁴ 4822 121 42408 220nF 5% 63V | | | 3422 4822 051 10682 6k8 2% 0,25W | | |
| | | | 2531 4822 121 43396 120nF 5% 63V | | | 3423 4822 051 10105 1M 5% 0,25W | | |
| | | | 2532 4822 124 80066 1μF 20% 63V | | | 3431 4822 052 10181 180Ω 5% 0,33W | | |
| | | | 2532 ⁴ 4822 124 80067 4,7μF 20% 63V | | | 3431 ⁴ 4822 052 10271 270Ω 5% 0,33W | | |
| | | | 2533 4822 124 40242 1μF 20% 63V | | | 3432 4822 052 10399 39Ω 5% 0,33W | | |
| | | |  | | | 3433 4822 052 10108 1Ω 5% 0,33W | | |
| | | | 3301 4822 051 10131 130Ω 2% 0,25W | | | 3434 4822 050 21502 1k5 1% 0,6W | | |
| | | | 3302 4822 051 10362 3k6 2% 0,25W | | | 3435 4822 050 21502 1k5 1% 0,6W | | |
| | | | 3302 ² 4822 051 20222 2k2 5% 0,1W | | | 3436 4822 050 21805 1M 8 1% 0,6W | | |
| | | | 3303 4822 051 10272 2k7 2% 0,25W | | | 3442 4822 116 52239 120k 5% 0,5W | | |
| | | | 3304 4822 116 52239 120k 5% 0,5W | | | 3443 4822 051 10272 2k7 2% 0,25W | | |
| | | | 3304 4822 116 52239 120k 5% 0,5W | | | 3446 4822 051 10683 68k 2% 0,25W | | |
| | | | 3309 4822 051 10118 1Q1 5% 0,25W | | | 3447 4822 051 10152 1k5 2% 0,25W | | |
| | | | 3309 ² 4822 051 10479 47Ω 2% 0,25W | | | 3448 4822 051 10152 1k5 2% 0,25W | | |
| | | | 3310 4822 116 52219 330Ω 5% 0,5W | | | 3449 4822 051 10333 33k 2% 0,25W | | |
| | | | 3311 ² 4822 053 12123 12k 5% 3W | | | 3449 ² 4822 051 10393 39k 2% 0,25W | | |
| | | | 3311 4822 053 12153 15k 5% 3W | | | 3512 ² 4822 051 10109 10Ω 2% 0,25W | | |
| | | | 3312 4822 052 10271 270Ω 5% 0,33W | | | 3512 ¹ 4822 051 10181 180Ω 2% 0,25W | | |
| | | | 3313 4822 052 10271 270Ω 5% 0,33W | | | 3518 ² 4822 051 10101 100Ω 2% 0,25W | | |
| | | | 3314 4822 050 21502 1k5 1% 0,6W | | | 3518 ¹ 4822 051 10152 1k5 2% 0,25W | | |
| | | | | | | 3520 ¹ 4822 116 52207 1k 2 5% 0,5W | | |
| | | | | | | 3520 ² 4822 116 52211 150Ω 5% 0,5W | | |
| | | | | | | 3521 4822 101 20902 4k 7 10% 0,05W | | |
| | | | | | | 3522 4822 051 10152 1k5 2% 0,25W | | |
| | | | | | | 3524 4822 051 10683 68k 2% 0,25W | | |

CRT module

| | | | | | |
|---------------------|----------------|---------------|-------------------|----------------------|---------|
| 3525 ⁴ | 4822 100 20169 | 10k 10% 0,05W | 7530 ^Δ | 4822 130 61207 | BC848 |
| 3525 | 4822 100 20644 | 22k 10% 0,05W | 7530 | 5322 130 41982 | BC848B |
| 3526 | 4822 051 10125 | 1M 2 5% 0,25W | 7533 | 4822 130 60111 | 2SA1359 |
| 3526 ⁴ | 4822 051 10563 | 56k 2% 0,25W | 7534 | 4822 130 44283 | BC636 |
| 3527 ¹ | 4822 051 10104 | 100k 2% 0,25W | 7536 ^Δ | 5322 130 41982 | BC848B |
| 3527 ³ | 4822 051 10563 | 56k 2% 0,25W | 7537 | 5322 130 41982 | BC848B |
| 3527 ² | 4822 051 10823 | 82k 2% 0,25W | 7538 ^Δ | 5322 130 41982 | BC848B |
| 3528 ^{3,4} | 4822 051 10681 | 680Ω 2% 0,25W | 1) | 25"/28" Black Matrix | |
| 3528 | 4822 051 20222 | 2k2 5% 0,1W | 2) | 25"/28" Black Line | |
| 3529 | 4822 051 10008 | jumper | 3) | 21" Mini Neck | |
| 3529 ^{3,4} | 4822 051 10102 | 1k 2% 0,25W | 4) | 21" Narrow Neck | |
| 3530 ⁴ | 4822 051 10008 | jumper | | | |
| 3530 | 4822 051 10102 | 1k 2% 0,25W | | | |
| 3531 ⁴ | 4822 051 10008 | jumper | | | |
| 3531 | 4822 051 10104 | 100k 2% 0,25W | | | |
| 3532 | 4822 051 10103 | 10k 2% 0,25W | | | |
| 3533 | 4822 116 52303 | 8k 2 5% 0,5W | | | |
| 3534 | 4822 052 10828 | 8Ω 5% 0,33W | | | |
| 3571 | 4822 051 10273 | 27k 2% 0,25W | | | |
| 3572 | 4822 051 10153 | 15k 2% 0,25W | | | |
| 3575 | 4822 051 10182 | 1k8 2% 0,25W | | | |
| 3576 ⁴ | 4822 051 10101 | 100Ω 2% 0,25W | | | |
| 3576 ¹ | 4822 051 10151 | 150Ω 2% 0,25W | | | |
| 3576 ² | 4822 051 51201 | 120Ω 1% 0,25W | | | |
| 3578 | 4822 116 52245 | 150k 5% 0,5W | | | |
| 3580 | 4822 051 10103 | 10k 2% 0,25W | | | |

Jumper

| | | |
|------|----------------|--------|
| 4001 | 4822 051 10008 | jumper |
| 4002 | 4822 051 10008 | jumper |

| | | |
|---------------------|----------------|-----------|
| 5401 ^{2,3} | 4822 156 20915 | 33μH |
| 5401 ⁴ | 4822 157 63788 | 18μH 10% |
| 5401 ¹ | 4822 158 10563 | 82μH 7,5% |
| 5530 | 4822 152 20559 | |

| | | |
|------|----------------|------------|
| 6301 | 4822 130 80877 | BAV103 |
| 6331 | 4822 130 80877 | BAV103 |
| 6345 | 4822 130 81015 | LLZ-C10 |
| 6361 | 4822 130 80877 | BAV103 |
| 6382 | 4822 130 80877 | BAV103 |
| 6411 | 4822 130 32831 | BZX79-F3V0 |
| 6421 | 4822 130 80446 | LL4148 |
| 6519 | 4822 130 80446 | LL4148 |



| | | |
|---------------------|----------------|--------|
| 7302 ^{1,2} | 4822 130 41773 | BF869 |
| 7302 ^{3,4} | 4822 130 41782 | BF422 |
| 7303 | 4822 130 61207 | BC848 |
| 7304 | 4822 130 41782 | BF422 |
| 7305 | 4822 130 41646 | BF423 |
| 7331 ^{1,2} | 4822 130 41773 | BF869 |
| 7331 ^{3,4} | 4822 130 41782 | BF422 |
| 7333 | 4822 130 61207 | BC848 |
| 7334 | 4822 130 41782 | BF422 |
| 7335 | 4822 130 41646 | BF423 |
| 7345 | 5322 130 42012 | BC858 |
| 7361 ^{1,2} | 4822 130 41773 | BF869 |
| 7361 ^{3,4} | 4822 130 41782 | BF422 |
| 7363 | 4822 130 61207 | BC848 |
| 7364 | 4822 130 41782 | BF422 |
| 7365 | 4822 130 41646 | BF423 |
| 7383 | 4822 130 41782 | BF422 |
| 7391 | 4822 130 41646 | BF423 |
| 7402 ^Δ | 5322 130 41982 | BC848B |
| 7411 | 4822 130 40938 | BC548 |
| 7421 | 4822 130 42513 | BC858C |

Euro module

| | | |
|----|----------------|-----------------|
| 15 | 4822 212 30074 | Euro module ECO |
| 16 | 4822 212 30075 | Euro module PIP |

Mechanical parts

| | | |
|------|----------------|----------------|
| 0023 | 4822 265 40442 | 10p male |
| 0026 | 4822 265 40442 | 10p male |
| 0030 | 4822 265 41086 | 9p male |
| 0032 | 4822 267 40666 | 3p male |
| 0048 | 4822 267 60247 | euro connector |
| 0100 | 4822 256 91879 | holder |
| 0050 | 4822 267 51084 | 9p female |
| 0051 | 4822 290 40285 | 3p female |



| | | |
|------|----------------|---------------|
| 2800 | 4822 121 51252 | 470nF 5% 63V |
| 2801 | 4822 121 51252 | 470nF 5% 63V |
| 2802 | 4822 121 51252 | 470nF 5% 63V |
| 2803 | 4822 121 51252 | 470nF 5% 63V |
| 2804 | 4822 122 33496 | 100nF 10% 63V |
| 2805 | 4822 122 33496 | 100nF 10% 63V |
| 2806 | 4822 122 33496 | 100nF 10% 63V |
| 2807 | 4822 124 41506 | 47μF 20% 16V |
| 2810 | 4822 122 32142 | 270pF 5% 63V |
| 2811 | 4822 122 32142 | 270pF 5% 63V |
| 2812 | 4822 122 33496 | 100nF 10% 63V |
| 2813 | 4822 122 32542 | 47nF 10% 63V |
| 2814 | 4822 122 31759 | 18nF |
| 2815 | 4822 122 33496 | 100nF 10% 63V |
| 2816 | 4822 122 33496 | 100nF 10% 63V |
| 2817 | 4822 122 33496 | 100nF 10% 63V |
| 2818 | 4822 122 33496 | 100nF 10% 63V |
| 2819 | 4822 124 41525 | 100μF 20% 25V |
| 2820 | 4822 121 42408 | 220nF 5% 63V |
| 2821 | 4822 124 40433 | 47μF 20% 25V |
| 2822 | 4822 124 40435 | 10μF 20% 50V |
| 2823 | 4822 122 33496 | 100nF 10% 63V |
| 2831 | 4822 124 40272 | 33μF 20% 16V |
| 2833 | 4822 122 33496 | 100nF 10% 63V |
| 2834 | 4822 122 33496 | 100nF 10% 63V |



| | | |
|------|----------------|---------------|
| 3800 | 4822 116 52189 | 30Ω 5% 0,5W |
| 3801 | 4822 116 80747 | 75Ω 5% 0,125W |
| 3802 | 4822 116 52211 | 150Ω 5% 0,5W |
| 3803 | 4822 116 52211 | 150Ω 5% 0,5W |
| 3804 | 4822 050 11002 | 1k 1% 0,4W |
| 3805 | 4822 050 11002 | 1k 1% 0,4W |
| 3806 | 4822 051 10334 | 330k 2% 0,25W |
| 3807 | 4822 051 10334 | 330k 2% 0,25W |
| 3808 | 4822 051 10334 | 330k 2% 0,25W |
| 3809 | 4822 051 10334 | 330k 2% 0,25W |
| 3810 | 4822 051 10682 | 6k8 2% 0,25W |
| 3811 | 4822 051 20222 | 2k2 5% 0,1W |
| 3812 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3813 | 4822 116 52201 | 75Ω 5% 0,5W |
| 3814 | 4822 051 10152 | 1k5 2% 0,25W |
| 3815 | 4822 051 10472 | 4k7 2% 0,25W |
| 3816 | 4822 116 52296 | 6k 8 5% 0,5W |
| 3817 | 4822 116 52224 | 470Ω 5% 0,5W |
| 3818 | 4822 116 52224 | 470Ω 5% 0,5W |
| 3819 | 4822 051 10008 | jumper |
| 3820 | 4822 051 10681 | 680Ω 2% 0,25W |
| 3821 | 4822 051 10008 | jumper |
| 3822 | 4822 051 10681 | 680Ω 2% 0,25W |
| 3823 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3824 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3825 | 4822 051 10223 | 22k 2% 0,25W |
| 3829 | 4822 051 10102 | 1k 2% 0,25W |
| 3830 | 4822 051 10683 | 68k 2% 0,25W |
| 3831 | 4822 051 10123 | 12k 2% 0,25W |

Euro module

Mono IF/sound module

| | | |
|--------------------|----------------|---------------|
| 3832 | 4822 051 10102 | 1k 2% 0,25W |
| 3833 | 4822 051 10279 | 270 2% 0,25W |
| 3835 ¹⁶ | 4822 051 10221 | 220Ω 2% 0,25W |
| 3836 ¹⁵ | 4822 051 10102 | 1k 2% 0,25W |
| 3836 | 4822 051 10271 | 270Ω 2% 0,25W |
| 3837 | 4822 052 10278 | 207 5% 0,33W |
| 3838 | 4822 116 80747 | 75Ω 5% 0,125W |

Jumper

| | | |
|------|----------------|--------|
| 4842 | 4822 051 10008 | jumper |
| 4844 | 4822 051 10008 | jumper |
| 4845 | 4822 051 10008 | jumper |
| 4847 | 4822 051 10008 | jumper |
| 4848 | 4822 051 10008 | jumper |
| 4849 | 4822 051 10008 | jumper |



| | | |
|------|----------------|------|
| 5800 | 4822 157 51462 | 10μH |
|------|----------------|------|



| | | |
|------|----------------|----------|
| 6800 | 4822 130 80954 | LLZ-C5V6 |
| 6801 | 4822 130 80446 | LL4148 |
| 6803 | 4822 130 30621 | 1N4148 |



| | | |
|------|----------------|--------|
| 7800 | 5322 130 44921 | BD943 |
| 7801 | 5322 209 10576 | 4053B |
| 7802 | 5322 209 10576 | 4053B |
| 7820 | 4822 130 61207 | BC848 |
| 7821 | 5322 130 42136 | BC848C |
| 7823 | 4822 130 61207 | BC848 |
| 7824 | 5322 130 42136 | BC848C |

¹⁵⁾ Non PIP
¹⁶⁾ PIP

| | | |
|---|----------------|--------------|
| 5 | 4822 212 30064 | IF MONO BGDK |
| 6 | 4822 212 30065 | IF MONO BGLI |
| 7 | 4822 212 30066 | IF MONO BG |
| 8 | 4822 212 30067 | IF MONO I |

Various

| | | |
|-------------------|----------------|----------|
| 1010 ⁸ | 4822 242 70936 | OFW31952 |
| 1010 ⁷ | 4822 242 72374 | OFWG1961 |
| 1010 ⁶ | 4822 242 81156 | OFWG1965 |
| 1010 ⁵ | 4822 242 81186 | OFWK2954 |
| 1042 ⁸ | 4822 153 30025 | 6MHz |
| 1042 | 4822 242 72211 | 5,5MHz |
| 1043 ⁶ | 4822 153 30025 | 6MHz |
| 1043 ⁵ | 4822 242 71375 | 6,5MHz |
| 1043 ⁸ | 4822 242 71841 | 6,0MHz |
| 1102 | 4822 242 70714 | 5,5MHz |
| 1103 ⁶ | 4822 242 71841 | 6,0MHz |
| 1103 ⁵ | 4822 242 72059 | 6,5MHz |
| 1150 | 4822 242 81157 | OFWL9453 |



| | | |
|-------------------|----------------|----------------|
| 2011 | 4822 124 40435 | 10μF 20% 50V |
| 2012 | 4822 124 41577 | 4,7μF 20% 50V |
| 2013 | 4822 122 31784 | 4,7nF 10% 50V |
| 2014 ⁶ | 4822 122 31784 | 4,7nF 10% 50V |
| 2014 | 4822 122 31797 | 22nF 10% 63V |
| 2015 | 5322 121 42498 | 680nF 5% 63V |
| 2016 | 4822 122 31784 | 4,7nF 10% 50V |
| 2017 | 4822 122 33496 | 100nF 10% 63V |
| 2018 | 4822 121 51252 | 470nF 5% 63V |
| 2019 | 4822 122 31784 | 4,7nF 10% 50V |
| 2035 | 4822 122 32507 | 6,8pF 5% 50V |
| 2036 | 4822 122 31766 | 120pF 5% 50V |
| 2037 | 4822 122 31766 | 120pF 5% 50V |
| 2038 | 4822 122 31784 | 4,7nF 10% 50V |
| 2039 | 4822 122 32504 | 15pF 5% 50V |
| 2040 | 4822 122 31784 | 4,7nF 10% 50V |
| 2041 | 4822 122 31784 | 4,7nF 10% 50V |
| 2042 | 4822 122 32139 | 12pF 5% 63V |
| 2044 | 4822 122 31797 | 22nF 10% 63V |
| 2047 | 4822 122 33496 | 100nF 10% 63V |
| 2048 | 4822 124 41506 | 47μF 20% 16V |
| 2049 | 4822 122 33496 | 100nF 10% 63V |
| 2050 | 4822 124 40849 | 330μF 20% 16V |
| 2055 | 4822 122 31972 | 39pF 5% 50V |
| 2056 | 4822 124 40435 | 10μF 20% 50V |
| 2057 | 4822 122 31981 | 33nF 50V |
| 2058 | 4822 122 31797 | 22nF 10% 63V |
| 2059 | 4822 124 41566 | 3,3μF 20% 50V |
| 2060 | 4822 122 31797 | 22nF 10% 63V |
| 2080 | 4822 122 33464 | 56pF 2% |
| 2081 | 4822 122 31794 | 180pF 2% 50V |
| 2082 | 4822 122 32087 | 1,8pF 5% 50V |
| 2113 | 4822 124 41596 | 22μF 20% 50V |
| 2114 | 4822 122 31784 | 4,7nF 10% 50V |
| 2115 | 4822 124 41577 | 4,7μF 20% 50V |
| 2116 | 4822 124 40435 | 10μF 20% 50V |
| 2117 | 4822 124 41576 | 2,2μF 20% 50V |
| 2118 | 4822 124 40432 | 1500μF 20% 25V |
| 2124 | 4822 122 32442 | 10nF 50V |
| 2125 | 4822 124 40195 | 150μF 20% 16V |
| 2126 | 4822 121 43898 | 8,2nF 10% 50V |
| 2127 | 5322 121 42661 | 330nF 5% 63V |
| 2129 | 5322 121 42661 | 330nF 5% 63V |
| 2130 | 5322 121 42661 | 330nF 5% 63V |
| 2131 | 4822 122 31797 | 22nF 10% 63V |
| 2132 | 4822 122 31797 | 22nF 10% 63V |
| 2133 | 4822 122 31797 | 22nF 10% 63V |
| 2134 | 4822 124 41596 | 22μF 20% 50V |

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|-------------------|----------------|---------------|
| 2135 | 4822 121 42408 | 220nF 5% 63V |
| 2136 | 5322 121 42661 | 330nF 5% 63V |
| 2137 ⁷ | 4822 122 31746 | 1000pF 5% 50V |
| 2137 | 4822 126 11381 | 820pF 2% |
| 2137 ⁶ | 4822 126 12075 | 680pF 2% 63V |
| 2138 ⁶ | 4822 122 31771 | 390pF 5% 50V |
| 2138 ⁵ | 4822 126 12154 | 560pF 2% 50V |
| 2139 ⁵ | 4822 122 31771 | 390pF 5% 50V |
| 2139 ⁸ | 4822 126 12155 | 1nF 2% 50V |
| 2141 | 4822 124 41577 | 4,7μF 20% 50V |
| 2143 | 4822 122 31797 | 22nF 10% 63V |
| 2150 | 4822 121 42408 | 220nF 5% 63V |
| 2151 | 4822 124 40195 | 150μF 20% 16V |
| 2160 | 4822 122 31784 | 4,7nF 10% 50V |



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|---------------------|----------------|-----------------|
| 3012 | 4822 051 10562 | 5k6 2% 0,25W |
| 3013 | 4822 051 10273 | 27k 2% 0,25W |
| 3014 | 4822 051 10823 | 82k 2% 0,25W |
| 3015 ⁶ | 4822 051 10104 | 100k 2% 0,25W |
| 3015 | 4822 051 10473 | 47k 2% 0,25W |
| 3016 | 4822 100 11819 | 100k 30% 0,1W |
| 3017 | 4822 051 10823 | 82k 2% 0,25W |
| 3019 | 4822 051 10473 | 47k 2% 0,25W |
| 3020 | 4822 051 10273 | 27k 2% 0,25W |
| 3021 | 4822 051 10223 | 22k 2% 0,25W |
| 3030 | 4822 051 10223 | 22k 2% 0,25W |
| 3031 | 4822 051 10474 | 470k 2% 0,25W |
| 3036 | 4822 051 10472 | 4k7 2% 0,25W |
| 3037 | 4822 051 10392 | 3k9 2% 0,25W |
| 3038 | 4822 051 10472 | 4k7 2% 0,25W |
| 3039 | 4822 051 10392 | 3k9 2% 0,25W |
| 3040 | 4822 051 10472 | 4k7 2% 0,25W |
| 3041 | 4822 051 10221 | 220Ω 2% 0,25W |
| 3042 ⁸ | 4822 051 10101 | 100Ω 2% 0,25W |
| 3042 ⁵ | 4822 051 10221 | 220Ω 2% 0,25W |
| 3042 | 4822 051 51201 | 120Ω 1% 0,25W |
| 3043 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3044 | 4822 051 10271 | 270Ω 2% 0,25W |
| 3046 | 4822 051 10681 | 680Ω 2% 0,25W |
| 3047 | 4822 051 10822 | 8k2 2% 0,25W |
| 3048 | 4822 101 11188 | 2k 30% LIN 0,1W |
| 3049 | 4822 051 20183 | 18k 5% 0,1W |
| 3050 | 4822 051 10272 | 2k7 2% 0,25W |
| 3051 | 4822 051 10563 | 56k 2% 0,25W |
| 3052 ^{5,6} | 4822 051 10471 | 470Ω 2% 0,25W |
| 3052 ^{7,8} | 4822 051 10561 | 560Ω 2% 0,25W |
| 3055 | 4822 051 10103 | 10k 2% 0,25W |
| 3056 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3058 | 4822 051 10682 | 6k8 2% 0,25W |
| 3080 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3061 | 4822 051 10333 | 33k 2% 0,25W |
| 3062 | 4822 051 10563 | 56k 2% 0,25W |
| 3063 | 4822 051 10272 | 2k7 2% 0,25W |
| 3064 | 4822 051 10563 | 56k 2% 0,25W |
| 3065 | 4822 051 10563 | 56k 2% 0,25W |
| 3066 | 4822 051 10824 | 820k 2% 0,25W |
| 3067 | 4822 051 10881 | 680Ω 2% 0,25W |
| 3067 ⁶ | 4822 051 20222 | 2k2 5% 0,1W |
| 3068 | 4822 051 10392 | 3k9 2% 0,25W |
| 3080 ⁸ | 4822 051 10332 | 3k3 2% 0,25W |
| 3080 ⁵ | 4822 051 10472 | 4k7 2% 0,25W |
| 3080 ⁶ | 4822 051 10682 | 6k8 2% 0,25W |
| 3080 ⁷ | 4822 051 20222 | 2k2 5% 0,1W |
| 3081 | 4822 051 10829 | 82Ω 2% 0,25W |
| 3104 | 4822 052 10479 | 47Ω 5% 0,33W |
| 3105 | 4822 053 11271 | 270Ω 5% 2W |
| 3107 | 4822 051 10151 | 150Ω 2% 0,25W |
| 3108 | 4822 051 10333 | 33k 2% 0,25W |
| 3109 | 4822 051 10223 | 22k 2% 0,25W |

Mono IF/sound module

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|---------------------|----------------|---------------|
| 3110 | 4822 051 10562 | 5k6 2% 0,25W |
| 3111 | 4822 051 10562 | 5k6 2% 0,25W |
| 3112 | 4822 051 10472 | 4k7 2% 0,25W |
| 3113 | 4822 051 10562 | 5k6 2% 0,25W |
| 3115 | 4822 051 10562 | 5k6 2% 0,25W |
| 3116 | 4822 050 11002 | 1k 1% 0,4W |
| 3117 | 4822 051 10104 | 100k 2% 0,25W |
| 3118 ⁶ | 4822 051 10332 | 3k3 2% 0,25W |
| 3118 ⁶ | 4822 051 10472 | 4k7 2% 0,25W |
| 3118 | 4822 051 20222 | 2k2 5% 0,1W |
| 3119 | 4822 051 10472 | 4k7 2% 0,25W |
| 3120 | 4822 051 10472 | 4k7 2% 0,25W |
| 3121 | 4822 051 10104 | 100k 2% 0,25W |
| 3122 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3123 ^{5,7} | 4822 051 10473 | 47k 2% 0,25W |
| 3123 ⁶ | 4822 051 10563 | 56k 2% 0,25W |
| 3124 | 4822 051 10103 | 10k 2% 0,25W |
| 3125 | 4822 051 10103 | 10k 2% 0,25W |
| 3126 | 4822 051 10153 | 15k 2% 0,25W |
| 3127 | 4822 051 10153 | 15k 2% 0,25W |
| 3129 | 4822 051 10224 | 220k 2% 0,25W |
| 3130 | 4822 051 10682 | 6k8 2% 0,25W |
| 3131 | 4822 051 10102 | 1k 2% 0,25W |
| 3132 | 4822 051 10392 | 3k9 2% 0,25W |
| 3140 | 4822 051 10153 | 15k 2% 0,25W |
| 3141 | 4822 051 10392 | 3k9 2% 0,25W |
| 3142 | 4822 051 10273 | 27k 2% 0,25W |
| 3143 | 4822 051 10182 | 1k8 2% 0,25W |
| 3144 | 4822 051 10182 | 1k8 2% 0,25W |
| 3150 | 4822 051 10103 | 10k 2% 0,25W |
| 3151 | 4822 051 20222 | 2k2 5% 0,1W |
| 3152 | 4822 051 10103 | 10k 2% 0,25W |
| 3153 | 4822 051 10103 | 10k 2% 0,25W |
| 3154 | 4822 051 10103 | 10k 2% 0,25W |

Jumper

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|--------|----------------|--------|
| 4010.. | 4822 051 10008 | jumper |
| 4102 | | |



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|---------------------|----------------|------------|
| 5010 | 4822 157 63081 | 0,56μH 20% |
| 5010 ⁶ | 4822 157 63858 | 0,39μH |
| 5035 | 4822 157 53534 | 0,34μH 5% |
| 5036 ⁶ | 4822 157 53609 | 0,36μH 5% |
| 5036 | 4822 157 63824 | 0,36μH 5% |
| | | 38,9mH z |
| 5037 | 4822 157 53537 | 1,35μH 5% |
| 5038 | 4822 157 63076 | 1,2μH 5% |
| 5039 | 4822 157 52983 | 2N2 |
| 5041 ⁵ | 4822 153 20251 | 18μH 10% |
| 5041 ⁶ | 4822 157 52983 | 2N2 |
| 5041 | 4822 157 53001 | 27μH 10% |
| 5042 ^{7,8} | 4822 152 20677 | |
| 5042 ^{5,6} | 4822 157 53634 | 5,6μH 10% |
| 5080 | 4822 157 53539 | 0,27μH 5% |
| 5105 | 4822 157 52511 | 0,83μH |
| 5150 | 4822 157 62552 | |



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|------|----------------|--------|
| 6036 | 4822 130 80446 | LL4148 |
| 6037 | 4822 130 80888 | BA682 |
| 6038 | 4822 130 80888 | BA682 |
| 6039 | 4822 130 30621 | 1N4148 |
| 6040 | 4822 130 80446 | LL4148 |
| 6041 | 4822 130 80446 | LL4148 |
| 6042 | 4822 130 80446 | LL4148 |
| 6043 | 4822 130 80446 | LL4148 |
| 6105 | 4822 130 80888 | BA682 |
| 6106 | 4822 130 80888 | BA682 |
| 6108 | 4822 130 80888 | BA682 |

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| 6112 | 4822 130 80884 | LLZ-C5V1 |
| 6150 | 4822 130 80888 | BA682 |
| 6151 | 4822 130 80888 | BA682 |



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|------|----------------|------------|
| 7000 | 4822 209 72812 | TDA2549/C4 |
| 7030 | 5322 130 42012 | BC858 |
| 7031 | 4822 130 61207 | BC848 |
| 7035 | 4822 130 44121 | BC338 |
| 7040 | 5322 130 42012 | BC858 |
| 7041 | 4822 130 61207 | BC848 |
| 7100 | 4822 209 63105 | TDA3843/V3 |
| 7101 | 4822 209 30278 | TDA3827/V3 |
| 7102 | 4822 130 61207 | BC848 |
| 7103 | 5322 130 42136 | BC848C |
| 7104 | 5322 130 41982 | BC848B |
| 7150 | 4822 130 61207 | BC848 |
| 7151 | 4822 130 61207 | BC848 |

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|----|-------------|
| 5) | system BGBK |
| 6) | system BGLI |
| 7) | system BG |
| 8) | system I |

Stereo IF/sound module

| | | |
|---|----------------|----------------|
| 7 | 4822 212 30069 | IF STEREO BG |
| 6 | 4822 212 30072 | IF STEREO BGLI |
| 5 | 4822 212 30073 | IF STEREO BGDK |




Various

| | | |
|-------------------|----------------|----------|
| 1010 ⁷ | 4822 242 72554 | OFWG3254 |
| 1010 ⁵ | 4822 242 73936 | OFWK3255 |
| 1010 ⁶ | 4822 242 80205 | OFWK3261 |
| 1042 | 4822 242 72211 | 5,5MHz |
| 1101 | 4822 242 70485 | 5,74MHz |
| 1102 ⁶ | 4822 242 71713 | 6,0MHz |
| 1102 ⁵ | 4822 242 72057 | 6,5MHz |
| 1103 | 4822 242 70714 | 5,5MHz |
| 1150 | 4822 242 81157 | OFWL9453 |
| 1200 | 4822 242 80208 | 10MHz |




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|-------------------|----------------|----------------|
| 2011 | 4822 124 41506 | 47μF 20% 16V |
| 2012 | 4822 124 41577 | 4,7μF 20% 50V |
| 2013 | 4822 122 31784 | 4,7nF 10% 50V |
| 2014 | 4822 122 31797 | 22nF 10% 63V |
| 2015 | 5322 121 42498 | 680nF 5% 63V |
| 2016 | 4822 122 31784 | 4,7nF 10% 50V |
| 2017 | 4822 122 33496 | 100nF 10% 63V |
| 2018 | 4822 121 51252 | 470nF 5% 63V |
| 2035 | 4822 122 32506 | 5,6pF 5% 50V |
| 2036 | 4822 122 31784 | 4,7nF 10% 50V |
| 2037 | 4822 122 31784 | 4,7nF 10% 50V |
| 2038 | 4822 122 33496 | 100nF 10% 63V |
| 2039 | 4822 122 32083 | 8,2pF 5% 50V |
| 2040 | 4822 122 31784 | 4,7nF 10% 50V |
| 2041 | 4822 122 31784 | 4,7nF 10% 50V |
| 2042 | 4822 122 32139 | 12pF 5% 63V |
| 2044 | 4822 122 31797 | 22nF 10% 63V |
| 2047 | 4822 122 33496 | 100nF 10% 63V |
| 2048 | 4822 124 41506 | 47μF 20% 16V |
| 2049 | 4822 122 33496 | 100nF 10% 63V |
| 2050 | 4822 124 40849 | 330μF 20% 16V |
| 2051 | 4822 122 33496 | 100nF 10% 63V |
| 2055 | 4822 122 31972 | 39pF 5% 50V |
| 2056 | 4822 124 41576 | 2,2μF 20% 50V |
| 2057 | 4822 122 31981 | 33nF 50V |
| 2058 | 4822 122 31797 | 22nF 10% 63V |
| 2059 | 4822 124 41407 | 0,47μF 20% 63V |
| 2080 | 4822 122 33464 | 56pF 2% |
| 2081 | 4822 122 31794 | 180pF 2% 50V |
| 2113 | 4822 124 40435 | 10μF 20% 50V |
| 2114 | 4822 122 32442 | 10nF 50V |
| 2115 | 4822 124 41509 | 33μF 20% 35V |
| 2117 | 4822 124 41576 | 2,2μF 20% 50V |
| 2118 | 4822 124 41576 | 2,2μF 20% 50V |
| 2119 | 4822 122 31797 | 22nF 10% 63V |
| 2120 | 4822 124 41576 | 2,2μF 20% 50V |
| 2123 | 4822 124 40242 | 1μF 20% 63V |
| 2123 ⁶ | 4822 124 41577 | 4,7μF 20% 50V |
| 2124 | 4822 124 41576 | 2,2μF 20% 50V |
| 2125 | 4822 122 10527 | 910pF 2% 50V |
| 2126 | 4822 122 31784 | 4,7nF 10% 50V |
| 2127 | 4822 122 31746 | 1000pF 5% 50V |
| 2127 ⁷ | 4822 126 11381 | 820pF 2% |
| 2127 ⁶ | 4822 126 12075 | 680pF 2% 63V |
| 2128 ⁵ | 4822 122 10527 | 910pF 2% 50V |
| 2128 | 4822 126 11381 | 820pF 2% |
| 2129 ⁶ | 4822 122 31727 | 470pF 5% 63V |
| 2129 ⁵ | 4822 122 33476 | 220pF 2% 50V |
| 2130 ⁶ | 4822 124 40195 | 150μF 20% 16V |
| 2133 | 4822 122 31797 | 22nF 10% 63V |
| 2160 | 4822 122 31784 | 4,7nF 10% 50V |
| 2200 | 4822 121 51252 | 470nF 5% 63V |

Stereo IF/sound module

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|---|----------------|----------------|---|----------------|---------------|---|----------------|----------------|
| 2201 | 4822 121 51252 | 470nF 5% 63V | 3110 | 4822 051 10562 | 5k6 2% 0,25W | 6109 | 4822 130 80446 | LL4148 |
| 2202 | 4822 121 51252 | 470nF 5% 63V | 3112 | 4822 051 10562 | 5k6 2% 0,25W | 6150 | 4822 130 80888 | BA682 |
| 2203 | 4822 122 31916 | 5,6nF 10% 63V | 3113 | 4822 051 10562 | 5k6 2% 0,25W | 6151 | 4822 130 80888 | BA682 |
| 2204 | 4822 121 42408 | 220nF 5% 63V | 3115 ⁵ | 4822 051 10301 | 300Ω 2% 0,25W | 6220 | 4822 130 81015 | LLZ-C10 |
| 2205 | 4822 122 31947 | 100nF 20% 63V | 3115 | 4822 051 10331 | 330Ω 2% 0,25W |  | | |
| 2206 | 4822 121 51252 | 470nF 5% 63V | 3117 ⁶ | 4822 051 10561 | 560Ω 2% 0,25W | | 7000 | 4822 209 72812 |
| 2207 | 4822 121 51252 | 470nF 5% 63V | 3117 | 4822 051 10681 | 680Ω 2% 0,25W | 7030 | 5322 130 42012 | BC858 |
| 2208 | 4822 124 41509 | 33μF 20% 35V | 3119 | 4822 051 10562 | 5k6 2% 0,25W | 7031 | 4822 130 61207 | BC848 |
| 2209 | 4822 124 41509 | 33μF 20% 35V | 3120 | 4822 051 10562 | 5k6 2% 0,25W | 7035 | 4822 130 44121 | BC338 |
| 2210 | 4822 122 31947 | 100nF 20% 63V | 3121 ⁵ | 4822 051 10272 | 2k7 2% 0,25W | 7040 | 5322 130 42012 | BC858 |
| 2211 | 4822 124 40198 | 470μF 20% 16V | 3121 ⁶ | 4822 051 10562 | 5k6 2% 0,25W | 7100 | 4822 209 63059 | TDA3856/V3 |
| 2212 | 4822 124 40435 | 10μF 20% 50V | 3122 | 4822 051 10122 | 1k2 2% 0,25W | 7101 | 4822 209 63784 | TDA3857/V3 |
| 2213 | 4822 122 31782 | 15nF 10% 50V | 3123 | 4822 051 10561 | 560Ω 2% 0,25W | 7102 | 4822 130 61207 | BC848 |
| 2214 | 4822 122 31782 | 15nF 10% 50V | 3124 | 4822 051 10008 | jumper | 7104 | 4822 130 61207 | BC848 |
| 2215 | 4822 122 31981 | 33nF 50V | 3125 | 4822 051 10102 | 1k 2% 0,25W | 7150 | 4822 130 61207 | BC848 |
| 2216 | 4822 122 31916 | 5,6nF 10% 63V | 3126 | 4822 051 10102 | 1k 2% 0,25W | 7151 | 4822 130 61207 | BC848 |
| 2217 | 4822 122 31981 | 33nF 50V | 3127 | 4822 051 10152 | 1k5 2% 0,25W | 7200 | 4822 209 63967 | TDA8417/V3 |
| 2218 | 4822 122 31916 | 5,6nF 10% 63V | 3128 | 4822 051 10182 | 1k8 2% 0,25W | 7220 | 4822 209 63734 | TDA8425/V7 |
| 2219 | 4822 124 41577 | 4,7μF 20% 50V | 3150 | 4822 051 10103 | 10k 2% 0,25W | 7232 | 5322 130 41982 | BC848B |
| 2220 | 5322 121 42498 | 680nF 5% 63V | 3151 | 4822 051 20222 | 2k2 5% 0,1W | 7233 | 4822 130 42513 | BC858C |
| 2221 | 5322 121 42498 | 680nF 5% 63V | 3152 | 4822 051 10103 | 10k 2% 0,25W | ⁵⁾ system BGDK ⁶⁾ system BGLI ⁷⁾ system BG | | |
| 2222 | 4822 124 41643 | 100μF 20% 16V | 3153 | 4822 051 10103 | 10k 2% 0,25W | | | |
| 2223 | 5322 122 31647 | 1nF 10% 63V | 3154 | 4822 051 10103 | 10k 2% 0,25W | | | |
|  | | | 3200 | 4822 051 10331 | 330Ω 2% 0,25W | | | |
| 3012 | 4822 051 10562 | 5k6 2% 0,25W | 3201 | 4822 051 10331 | 330Ω 2% 0,25W | | | |
| 3013 | 4822 051 10273 | 27k 2% 0,25W | 3202 | 4822 051 10563 | 56k 2% 0,25W | | | |
| 3014 | 4822 051 10823 | 82k 2% 0,25W | 3203 | 4822 051 10563 | 56k 2% 0,25W | | | |
| 3015 | 4822 116 52234 | 100k 5% 0,5W | 3204 | 4822 101 11191 | 10k 30% 0,1W | | | |
| 3016 | 4822 100 11819 | 100k 30% 0,1W | 3205 | 4822 052 10229 | 22Ω 5% 0,33W | | | |
| 3017 | 4822 051 10823 | 82k 2% 0,25W | 3206 | 4822 051 10478 | 4Ω7 5% 0,25W | | | |
| 3019 | 4822 051 10473 | 47k 2% 0,25W | 3207 | 4822 051 10223 | 22k 2% 0,25W | | | |
| 3020 | 4822 051 10273 | 27k 2% 0,25W | 3208 | 4822 051 10272 | 2k7 2% 0,25W | | | |
| 3021 | 4822 051 20183 | 18k 5% 0,1W | 3209 | 4822 051 10333 | 33k 2% 0,25W | | | |
| 3030 | 4822 051 10223 | 22k 2% 0,25W | 3210 | 4822 050 11002 | 1k 1% 0,4W | | | |
| 3031 | 4822 051 10474 | 470k 2% 0,25W | 3211 | 4822 051 10101 | 100Ω 2% 0,25W | | | |
| 3035 | 4822 051 10682 | 6k8 2% 0,25W | 3213 | 4822 116 52233 | 10k 5% 0,5W | | | |
| 3036 | 4822 051 10472 | 4k7 2% 0,25W | 3214 | 4822 051 10102 | 1k 2% 0,25W | | | |
| 3037 | 4822 051 10392 | 3k9 2% 0,25W | 3215 | 4822 051 10102 | 1k 2% 0,25W | | | |
| 3038 | 4822 051 10472 | 4k7 2% 0,25W | 3216 | 4822 051 10101 | 100Ω 2% 0,25W | | | |
| 3039 | 4822 051 10472 | 4k7 2% 0,25W | Jumper | | | | | |
| 3040 | 4822 051 10472 | 4k7 2% 0,25W | 4010.. | 4822 051 10008 | jumper | | | |
| 3041 | 4822 051 10221 | 220Ω 2% 0,25W | 4205 | | | | | |
| 3042 | 4822 051 10151 | 150Ω 2% 0,25W | | | | | | |
| 3042 | 4822 051 51201 | 120Ω 1% 0,25W | | | | | | |
| 3043 | 4822 116 52175 | 100Ω 5% 0,5W | 5010 | 4822 157 53302 | | | | |
| 3044 | 4822 051 10271 | 270Ω 2% 0,25W | 5010 ⁶ | 4822 157 61898 | | | | |
| 3046 | 4822 116 52228 | 680Ω 5% 0,5W | 5035 | 4822 157 53534 | 0,34μH 5% | | | |
| 3047 | 4822 051 10822 | 8k2 2% 0,25W | 5036 ⁶ | 4822 157 53609 | 0,36μH 5% | | | |
| 3048 | 4822 101 11188 | 2k 30%LIN 0,1W | 5036 | 4822 157 63824 | 0,36μH 5% | | | |
| 3049 | 4822 051 20183 | 18k 5% 0,1W | 5037 | 4822 157 53537 | 1,35μH 5% | | | |
| 3050 | 4822 051 10272 | 2k7 2% 0,25W | 5038 | 4822 157 63076 | 1,2μH 5% | | | |
| 3051 | 4822 051 10563 | 56k 2% 0,25W | 5039 | 4822 152 20678 | 33μH 10% | | | |
| 3052 | 4822 051 10102 | 1k 2% 0,25W | 5080 | 4822 157 53539 | 0,27μH 5% | | | |
| 3053 | 4822 116 52233 | 10k 5% 0,5W | 5103 | 4822 157 52511 | 0,83μH | | | |
| 3055 | 4822 051 10103 | 10k 2% 0,25W | 5104 | 4822 157 63077 | 0,25μH 5% | | | |
| 3056 | 4822 051 10471 | 470Ω 2% 0,25W | 5105 | 4822 157 52511 | 0,83μH | | | |
| 3058 | 4822 051 10472 | 4k7 2% 0,25W | 5042 | 4822 157 53634 | 5,6μH 10% | | | |
| 3060 | 4822 051 10471 | 470Ω 2% 0,25W | 5042 ⁶ | 4822 157 62767 | | | | |
| 3061 | 4822 051 10124 | 120k 2% 0,25W | 5150 | 4822 157 63845 | 2,7μH | | | |
| 3062 | 4822 051 10563 | 56k 2% 0,25W |  | | | | | |
| 3063 | 4822 051 10272 | 2k7 2% 0,25W | 6037 | 4822 130 80888 | BA682 | | | |
| 3064 | 4822 051 10224 | 220k 2% 0,25W | 6038 | 4822 130 80888 | BA682 | | | |
| 3065 | 4822 051 10124 | 120k 2% 0,25W | 6039 | 4822 130 30621 | 1N4148 | | | |
| 3066 | 4822 051 10824 | 820k 2% 0,25W | 6040 | 4822 130 80446 | LL4148 | | | |
| 3081 | 4822 051 10569 | 56Ω 2% 0,25W | 6041 | 4822 130 80446 | LL4148 | | | |
| 3105 | 4822 053 11121 | 120Ω 5% 2W | 6042 | 4822 130 80446 | LL4148 | | | |
| 3106 | 4822 051 10561 | 560Ω 2% 0,25W | 6043 | 4822 130 80446 | LL4148 | | | |
| 3107 | 4822 051 10102 | 1k 2% 0,25W | 6106 | 4822 130 80888 | BA682 | | | |
| 3108 | 4822 051 10561 | 560Ω 2% 0,25W | 6107 | 4822 130 80888 | BA682 | | | |
| 3109 | 4822 051 10562 | 5k6 2% 0,25W | 6108 | 4822 130 80888 | BA682 | | | |

Nicom IF/sound module

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|-------------------|----------------|-------------------|---|----------------|---------------|-------------------|----------------|---------------|
| 7 | 4822 212 30071 | IF NICAM BG | 2143 | 5322 122 31647 | 1nF 10% 63V | 3052 | 4822 051 10102 | 1k 2% 0,25W |
| 8 | 4822 212 30068 | IF NICAM I | 2150 | 4822 122 32863 | 22nF 80% 50V | 3055 | 4822 051 10103 | 10k 2% 0,25W |
| Various | | | 2151 | 4822 124 41506 | 47µF 20% 16V | 3056 | 4822 051 10471 | 470Ω 2% 0,25W |
| 1010 ⁷ | 4822 242 72554 | OFWG3254 | 2160 | 4822 122 31765 | 100pF 5% 50V | 3058 | 4822 051 10682 | 6k8 2% 0,25W |
| 1010 ⁸ | 4822 242 72553 | OFWJ3251 | 2161 | 4822 122 31765 | 100pF 5% 50V | 3071 | 4822 051 10124 | 120k 2% 0,25W |
| 1042 ⁷ | 4822 242 72211 | 5,5MWHZ | 2168 | 4822 122 31947 | 100nF 20% 63V | 3072 | 4822 051 10471 | 470Ω 2% 0,25W |
| 1042 ⁸ | 4822 153 30025 | 6MHz | 2169 | 4822 124 41506 | 47µF 20% 16V | 3073 | 4822 051 10824 | 820k 2% 0,25W |
| 1100 | 4822 242 70485 | 5,74MHz | 2170 ⁷ | 4822 122 31782 | 15nF 10% 50V | 3074 | 4822 051 10563 | 56k 2% 0,25W |
| 1105 ⁷ | 4822 242 70714 | 5,5MHz | 2170 ⁸ | 4822 122 31916 | 5,6nF 10% 63V | 3075 | 4822 051 10272 | 2k7 2% 0,25W |
| 1105 ⁸ | 4822 242 71713 | 6,0MHz | 2171 ⁷ | 4822 122 31981 | 33nF 50V | 3076 | 4822 051 10224 | 220k 2% 0,25W |
| 1116 ⁷ | 4822 242 72301 | TH316BOM-20800DAF | 2171 ⁸ | 5322 122 31648 | 12nF 10% 50V | 3077 | 4822 051 10124 | 120k 2% 0,25W |
| 1116 ⁸ | 4822 242 72303 | TH316BQM | 2173 | 4822 122 31773 | 560pF 5% 50V | 3078 | 4822 051 10102 | 1k 2% 0,25W |
| 1127 ⁷ | 4822 242 81187 | 11.7MHz | 2174 | 4822 122 33498 | 2,7nF 10% 63V | 3079 | 4822 051 10101 | 100Ω 2% 0,25W |
| 1127 ⁸ | 4822 242 81188 | 13.104MHz | 2175 | 4822 122 32999 | 2,2N 5% | 3100 | 4822 051 10561 | 560Ω 2% 0,25W |
| 1138 | 4822 242 81189 | 17.472MHz | 2176 | 4822 121 51252 | 470nF 5% 63V | 3101 | 4822 051 10331 | 330Ω 2% 0,25W |
| 1191 | 4822 071 54001 | fuse T400mA | 2177 | 4822 122 32863 | 22nF 80% 50V | 3102 | 4822 051 10681 | 680Ω 2% 0,25W |
| 1200 | 4822 242 80208 | 10MHz | 2180 ⁷ | 4822 122 31782 | 15nF 10% 50V | 3105 | 4822 051 10561 | 560Ω 2% 0,25W |
| -II- | | | 2180 ⁸ | 4822 122 31916 | 5,6nF 10% 63V | 3106 | 4822 051 10561 | 560Ω 2% 0,25W |
| 2011 | 4822 124 41506 | 47µF 20% 16V | 2181 | 5322 122 31648 | 12nF 10% 50V | 3107 | 4822 051 10122 | 1k2 2% 0,25W |
| 2012 | 4822 124 41577 | 4,7µF 20% 50V | 2183 | 4822 122 31773 | 560pF 5% 50V | 3108 | 4822 051 20222 | 2k2 5% 0,1W |
| 2013 | 4822 122 31797 | 22nF 10% 63V | 2184 | 4822 122 33498 | 2,7nF 10% 63V | 3109 | 4822 053 11121 | 120Ω 5% 2W |
| 2014 | 4822 122 31797 | 22nF 10% 63V | 2185 | 4822 122 32999 | 2,2nF 5% | 3110 | 4822 051 10102 | 1k 2% 0,25W |
| 2015 | 5322 121 42498 | 680nF 5% 63V | 2186 | 4822 121 51252 | 470nF 5% 63V | 3116 | 4822 051 10471 | 470Ω 2% 0,25W |
| 2016 | 4822 122 31784 | 4,7nF 10% 50V | 2187 | 4822 122 32863 | 22nF 80% 50V | 3122 | 4822 051 10471 | 470Ω 2% 0,25W |
| 2017 | 4822 122 33496 | 100nF 10% 63V | 2188 | 4822 124 41506 | 47µF 20% 16V | 3123 | 4822 051 10332 | 3k3 2% 0,25W |
| 2042 | 4822 122 32139 | 12pF 5% 63V | 2189 | 4822 122 32863 | 22nF 80% 50V | 3124 | 4822 051 10332 | 3k3 2% 0,25W |
| 2044 | 4822 122 31797 | 22nF 10% 63V | 2190 | 4822 122 31947 | 100nF 20% 63V | 3125 | 4822 051 10223 | 22k 2% 0,25W |
| 2047 | 4822 122 33496 | 100nF 10% 63V | 2191 | 4822 124 41643 | 100µF 20% 16V | 3127 | 4822 051 10104 | 100k 2% 0,25W |
| 2049 | 4822 122 33496 | 100nF 10% 63V | 2193 | 4822 124 40849 | 330µF 20% 16V | 3128 | 4822 051 10223 | 22k 2% 0,25W |
| 2050 | 4822 124 40849 | 330µF 20% 16V | 2194 | 4822 122 31947 | 100nF 20% 63V | 3129 | 4822 051 10103 | 10k 2% 0,25W |
| 2071 | 4822 122 31972 | 39pF 5% 50V | 2198 | 4822 121 51252 | 470nF 5% 63V | 3130 | 4822 051 10223 | 22k 2% 0,25W |
| 2072 | 4822 124 40435 | 10µF 20% 50V | 2200 | 4822 121 51252 | 470nF 5% 63V | 3131 | 4822 051 10392 | 3k9 2% 0,25W |
| 2073 | 4822 122 31981 | 33nF 50V | 2201 | 4822 121 51252 | 470nF 5% 63V | 3133 | 4822 051 10333 | 33k 2% 0,25W |
| 2075 | 4822 122 31797 | 22nF 10% 63V | 2202 | 4822 122 31768 | 120pF 5% 50V | 3134 | 4822 051 10103 | 10k 2% 0,25W |
| 2076 | 4822 124 41407 | 0,47µF 20% 63V | 2203 | 4822 124 41509 | 33µF 20% 35V | 3135 | 4822 051 10103 | 10k 2% 0,25W |
| 2077 | 4822 122 31916 | 5,6nF 10% 63V | 2204 | 4822 124 41509 | 33µF 20% 35V | 3136 | 4822 051 10104 | 100k 2% 0,25W |
| 2100 | 4822 124 40242 | 1µF 20% 63V | 2205 | 4822 122 31947 | 100nF 20% 63V | 3137 | 4822 051 10104 | 100k 2% 0,25W |
| 2101 | 4822 122 31746 | 1000pF 5% 50V | 2207 | 4822 121 51252 | 470nF 5% 63V | 3138 | 4822 051 10105 | 1M 5% 0,25W |
| 2102 | 4822 122 31746 | 1000pF 5% 50V | 2209 | 4822 121 51252 | 470nF 5% 63V | 3139 | 4822 051 10273 | 27k 2% 0,25W |
| 2102 | 4822 122 32765 | 820pF 10% 63V | 2210 | 4822 124 41577 | 4,7µF 20% 50V | 3140 | 4822 051 10824 | 820k 2% 0,25W |
| 2104 | 4822 122 31784 | 4,7nF 10% 50V | 2211 | 4822 121 42408 | 220nF 5% 63V | 3141 | 4822 051 10152 | 1k5 2% 0,25W |
| 2106 | 4822 124 41576 | 2,2µF 20% 50V | 2213 | 4822 124 40195 | 150µF 20% 16V | 3142 | 4822 051 10103 | 10k 2% 0,25W |
| 2107 | 4822 124 41576 | 2,2µF 20% 50V | 2214 | 4822 122 31947 | 100nF 20% 63V | 3143 | 4822 051 10102 | 1k 2% 0,25W |
| 2108 | 4822 122 32862 | 10nF 80% 50V | 2215 | 4822 124 41506 | 47µF 20% 16V | 3150 | 4822 052 10278 | 207 5% 0,33W |
| 2109 | 4822 124 41509 | 33µF 20% 35V | 2216 | 4822 122 31981 | 33nF 50V | 3158 | 4822 051 10473 | 47k 2% 0,25W |
| 2110 | 4822 122 31947 | 100nF 20% 63V | 2217 | 5322 121 42498 | 680nF 5% 63V | 3159 | 4822 051 10473 | 47k 2% 0,25W |
| 2116 | 5322 122 31647 | 1nF 10% 63V | 2218 | 4822 124 41643 | 100µF 20% 16V | 3160 | 4822 051 10331 | 330Ω 2% 0,25W |
| 2119 | 4822 124 40198 | 470µF 20% 16V | 2219 | 5322 121 42498 | 680nF 5% 63V | 3161 | 4822 051 10331 | 330Ω 2% 0,25W |
| 2122 | 4822 122 32862 | 10nF 80% 50V | 2220 | 4822 122 31916 | 5,6nF 10% 63V | 3168 | 4822 052 10278 | 207 5% 0,33W |
| 2123 | 4822 122 31768 | 180pF 5% 50V | 2223 | 4822 122 31916 | 5,6nF 10% 63V | 3170 ⁷ | 4822 051 10682 | 6k8 2% 0,25W |
| 2124 | 4822 122 31768 | 180pF 5% 50V | 2224 | 4822 122 31981 | 33nF 50V | 3170 ⁸ | 4822 051 20183 | 18k 5% 0,1W |
| 2125 | 4822 122 32597 | 6,8nF 10% 63V | 2225 | 4822 122 31782 | 15nF 10% 50V | 3171 ⁷ | 4822 051 10122 | 1k2 2% 0,25W |
| 2126 | 5322 122 31647 | 1nF 10% 63V | 2226 | 4822 122 31782 | 15nF 10% 50V | 3171 ⁸ | 4822 051 10332 | 3k3 2% 0,25W |
| 2127 | 5322 122 31647 | 1nF 10% 63V |  | | | 3172 | 4822 051 10472 | 4k7 2% 0,25W |
| 2128 | 4822 122 31808 | 150pF 10% 50V | | | | 3173 | 4822 051 10472 | 4k7 2% 0,25W |
| 2129 | 4822 122 32862 | 10nF 80% 50V | 3012 | 4822 051 10562 | 5k6 2% 0,25W | 3177 ⁷ | 4822 051 10682 | 6k8 2% 0,25W |
| 2130 | 4822 122 31808 | 150pF 10% 50V | 3013 | 4822 051 10273 | 27k 2% 0,25W | 3177 ⁸ | 4822 051 10472 | 4k7 2% 0,25W |
| 2131 | 4822 122 31766 | 120pF 5% 50V | 3014 | 4822 051 10823 | 82k 2% 0,25W | 3180 ⁷ | 4822 051 10682 | 6k8 2% 0,25W |
| 2132 | 4822 122 32862 | 10nF 80% 50V | 3015 | 4822 051 10104 | 100k 2% 0,25W | 3180 ⁸ | 4822 051 20183 | 18k 5% 0,1W |
| 2133 | 4822 121 41854 | 150nF 5% 63V | 3016 | 4822 100 11819 | 100k 30% 0,1W | 3181 ⁷ | 4822 051 10122 | 1k2 2% 0,25W |
| 2134 | 5322 122 31647 | 1nF 10% 63V | 3019 | 4822 051 10473 | 47k 2% 0,25W | 3181 ⁸ | 4822 051 10332 | 3k3 2% 0,25W |
| 2135 | 4822 122 32862 | 10nF 80% 50V | 3020 | 4822 051 10273 | 27k 2% 0,25W | 3182 | 4822 051 10472 | 4k7 2% 0,25W |
| 2136 | 4822 122 31808 | 150pF 10% 50V | 3021 | 4822 051 20183 | 18k 5% 0,1W | 3183 | 4822 051 10472 | 4k7 2% 0,25W |
| 2137 | 4822 122 31947 | 100nF 20% 63V | 3030 | 4822 051 10223 | 22k 2% 0,25W | 3188 | 4822 052 10109 | 10Ω 5% 0,33W |
| 2138 | 4822 122 32862 | 10nF 80% 50V | 3035 | 4822 051 10472 | 4k7 2% 0,25W | 3190 | 4822 051 10471 | 470Ω 2% 0,25W |
| 2140 | 4822 121 42408 | 220nF 5% 63V | 3041 | 4822 051 10221 | 220Ω 2% 0,25W | 3200 | 4822 101 11191 | 10k 30% 0,1W |
| 2141 | 4822 122 31784 | 4,7nF 10% 50V | 3042 ⁷ | 4822 051 10151 | 150Ω 2% 0,25W | 3201 | 4822 051 10822 | 8k2 2% 0,25W |
| | | | 3042 ⁸ | 4822 051 10101 | 100Ω 2% 0,25W | 3202 | 4822 051 10512 | 5k1 2% 0,25W |
| | | | 3044 | 4822 051 10271 | 270Ω 2% 0,25W | 3203 | 4822 051 10563 | 56k 2% 0,25W |
| | | | 3047 | 4822 050 21001 | 100Ω 1% 0,6W | 3204 | 4822 051 10563 | 56k 2% 0,25W |

Nicom IF/sound module

TXT module

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|------|----------------|---------------|
| 3205 | 4822 052 10229 | 22Ω 5% 0,33W |
| 3206 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3208 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3209 | 4822 051 10103 | 10k 2% 0,25W |
| 3210 | 4822 051 10102 | 1k 2% 0,25W |
| 3213 | 4822 051 10478 | 407 5% 0,25W |
| 3214 | 4822 051 10223 | 22k 2% 0,25W |
| 3215 | 4822 051 10272 | 2k7 2% 0,25W |
| 3216 | 4822 051 10333 | 33k 2% 0,25W |
| 3217 | 4822 051 10102 | 1k 2% 0,25W |
| 3218 | 4822 051 10101 | 100Ω 2% 0,25W |

Jumper

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|-------------------|----------------|--------------|
| 4000 ⁷ | 4822 051 10393 | 39k 2% 0,25W |
| 4000 ⁸ | 4822 051 10392 | 3k9 2% 0,25W |



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|------|----------------|-----------|
| 5010 | 4822 157 53302 | |
| 5035 | 4822 157 53534 | 0,34μH 5% |
| 5036 | 4822 157 63824 | 0,36μH 5% |
| 5042 | 4822 157 62767 | |
| 5042 | 4822 157 53634 | 5,6μH 10% |
| 5101 | 4822 157 52511 | 0,83μH |
| 5102 | 4822 157 52511 | 0,83μH |
| 5103 | 4822 157 63077 | 0,25μH 5% |
| 5123 | 4822 157 50975 | 1 mH |
| 5124 | 4822 157 50975 | 1 mH |



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|------|----------------|----------|
| 6070 | 4822 130 80446 | LL4148 |
| 6071 | 4822 130 80446 | LL4148 |
| 6072 | 4822 130 80446 | LL4148 |
| 6075 | 4822 130 80446 | LL4148 |
| 6127 | 5322 130 34953 | BB405B |
| 6134 | 5322 130 31684 | BB809 |
| 6140 | 4822 130 80446 | LL4148 |
| 6190 | 4822 130 80446 | LL4148 |
| 6191 | 4822 130 80954 | LLZ-C5V6 |
| 6225 | 4822 130 81015 | LLZ-C10 |



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|-------|----------------|------------|
| 7000 | 4822 209 72812 | TDA2549/C4 |
| 7035 | 4822 130 44121 | BC338 |
| 7073 | 5322 130 42012 | BC858 |
| 7078 | 4822 130 42513 | BC858C |
| 7100 | 4822 209 63784 | TDA3857/V3 |
| 7106 | 4822 130 61207 | BC848 |
| 7108 | 5322 130 42012 | BC858 |
| 7120 | 4822 209 30909 | TDA8732/C1 |
| 7133 | 4822 130 61207 | BC848 |
| 7150 | 4822 209 30914 | SAA7280/M2 |
| 7160 | 4822 130 61207 | BC848 |
| 7161 | 4822 130 61207 | BC848 |
| 7168 | 4822 209 73236 | TDA1543/N2 |
| 7170 | 4822 209 83163 | LM833N |
| 7180 | 4822 209 83163 | LM833N |
| 7190 | 5322 130 41983 | BC858B |
| 7191 | 4822 130 44121 | BC338 |
| 7200 | 4822 209 30147 | TDA8415 |
| 7213 | 4822 209 63734 | TDA8425/V7 |
| 7217A | 5322 130 41982 | BC848B |

7) BG

8) I

| | | |
|----|----------------|-----------------|
| 9 | 4822 212 30062 | IVT TXT europe |
| 10 | 4822 212 30063 | IVT TXT nordic |
| 11 | 4822 212 30076 | TXT spain |
| 12 | 4822 212 30077 | TXT east-europe |
| 13 | 4822 212 30078 | TXT europe |
| 14 | 4822 212 30079 | TXT nordic |

Connectors

| | |
|----------------|-----------|
| 4822 265 40469 | BTB AU 6P |
| 4822 265 40471 | BTB AU 8P |

Various

| | | |
|------|----------------|------------|
| 1800 | 4822 242 81191 | 27MHz |
| 1820 | 4822 242 71508 | 6MHz |
| 1870 | 4822 071 53151 | Fuse 315mA |



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|--------------------|----------------|---------------|
| 2801 | 4822 122 31797 | 22nF 10% 63V |
| 2802 | 4822 122 31746 | 1000pF 5% 50V |
| 2803 | 4822 122 31774 | 56pF 5% 50V |
| 2804 | 4822 122 32504 | 15pF 5% 50V |
| 2805 | 4822 122 33496 | 100nF 10% 63V |
| 2806 | 4822 122 33496 | 100nF 10% 63V |
| 2807 | 4822 122 33496 | 100nF 10% 63V |
| 2808 | 4822 122 33496 | 100nF 10% 63V |
| 2810 | 4822 122 33496 | 100nF 10% 63V |
| 2820 | 4822 122 32504 | 15pF 5% 50V |
| 2820 ¹¹ | 4822 126 10324 | 33pF 63V |
| 2821 | 4822 122 32504 | 15pF 5% 50V |
| 2821 ¹¹ | 4822 126 10324 | 33pF 63V |
| 2823 | 4822 122 33496 | 100nF 10% 63V |
| 2825 | 4822 122 31772 | 47pF 5% 50V |
| 2826 | 4822 122 31772 | 47pF 5% 50V |
| 2830 | 4822 122 33496 | 100nF 10% 63V |
| 2832 | 4822 122 33496 | 100nF 10% 63V |
| 2833 | 4822 122 33496 | 100nF 10% 63V |
| 2834 | 4822 124 40435 | 10μF 20% 50V |
| 2836 | 4822 122 31965 | 220pF 5% 63V |
| 2850 | 4822 122 33496 | 100nF 10% 63V |
| 2860 | 4822 122 31825 | 27pF 10% 50V |
| 2861 | 4822 122 33496 | 100nF 10% 63V |
| 2862 | 4822 122 31774 | 56pF 5% 50V |
| 2863 | 4822 122 33496 | 100nF 10% 63V |
| 2870 | 4822 124 41643 | 100μF 20% 16V |
| 2871 | 4822 124 41506 | 47μF 20% 16V |
| 2872 | 4822 124 40272 | 33μF 20% 16V |



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|------|----------------|---------------|
| 3802 | 4822 051 10273 | 27k 2% 0,25W |
| 3803 | 4822 051 10103 | 10k 2% 0,25W |
| 3804 | 4822 051 10122 | 1k2 2% 0,25W |
| 3805 | 4822 051 10122 | 1k2 2% 0,25W |
| 3806 | 4822 051 10221 | 220Ω 2% 0,25W |
| 3809 | 4822 116 52176 | 10Ω 5% 0,5W |
| 3810 | 4822 116 52207 | 1k 2 5% 0,5W |
| 3811 | 4822 051 10122 | 1k2 2% 0,25W |
| 3812 | 4822 051 10122 | 1k2 2% 0,25W |
| 3813 | 4822 051 10122 | 1k2 2% 0,25W |
| 3814 | 4822 051 10122 | 1k2 2% 0,25W |
| 3815 | 4822 116 52207 | 1k 2 5% 0,5W |
| 3816 | 4822 116 52207 | 1k 2 5% 0,5W |
| 3817 | 4822 051 10122 | 1k2 2% 0,25W |
| 3818 | 4822 051 10122 | 1k2 2% 0,25W |
| 3819 | 4822 051 10122 | 1k2 2% 0,25W |
| 3820 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3821 | 4822 051 10102 | 1k 2% 0,25W |
| 3822 | 4822 051 10103 | 10k 2% 0,25W |
| 3823 | 4822 051 10105 | 1M 5% 0,25W |
| 3824 | 4822 051 20222 | 2k2 5% 0,1W |
| 3825 | 4822 051 20222 | 2k2 5% 0,1W |
| 3826 | 4822 116 52175 | 100Ω 5% 0,5W |

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|--------------------|----------------|---------------|
| 3827 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3830 | 4822 051 10829 | 82Ω 2% 0,25W |
| 3831 | 4822 051 10821 | 820Ω 2% 0,25W |
| 3832 | 4822 051 10102 | 1k 2% 0,25W |
| 3833 | 4822 051 10102 | 1k 2% 0,25W |
| 3834 | 4822 051 10681 | 680Ω 2% 0,25W |
| 3835 | 4822 051 10103 | 10k 2% 0,25W |
| 3836 | 4822 051 10473 | 47k 2% 0,25W |
| 3837 | 4822 051 10102 | 1k 2% 0,25W |
| 3838 | 4822 051 10473 | 47k 2% 0,25W |
| 3839 | 4822 051 10151 | 150Ω 2% 0,25W |
| 3840 | 4822 051 10228 | 202 5% 0,25W |
| 3842 | 4822 051 10561 | 560Ω 2% 0,25W |
| 3850 | 4822 116 52206 | 120Ω 5% 0,5W |
| 3851 | 4822 051 10102 | 1k 2% 0,25W |
| 3852 | 4822 051 10102 | 1k 2% 0,25W |
| 3853 | 4822 116 52206 | 120Ω 5% 0,5W |
| 3854 | 4822 051 10102 | 1k 2% 0,25W |
| 3855 | 4822 051 10102 | 1k 2% 0,25W |
| 3856 | 4822 116 52206 | 120Ω 5% 0,5W |
| 3857 | 4822 051 10102 | 1k 2% 0,25W |
| 3858 | 4822 051 10102 | 1k 2% 0,25W |
| 3860 | 4822 051 10272 | 2k7 2% 0,25W |
| 3861 | 4822 051 10562 | 5k6 2% 0,25W |
| 3862 | 4822 051 10333 | 33k 2% 0,25W |
| 3863 | 4822 051 10223 | 22k 2% 0,25W |
| 3864 | 4822 051 10103 | 10k 2% 0,25W |
| 3865 | 4822 051 10392 | 3k9 2% 0,25W |
| 3866 | 4822 051 10272 | 2k7 2% 0,25W |
| 3867 | 4822 116 52206 | 120Ω 5% 0,5W |
| 3868 | 4822 051 10101 | 100Ω 2% 0,25W |
| 3869 | 4822 051 10821 | 820Ω 2% 0,25W |
| 3870 | 4822 050 24701 | 470Ω 1% 0,6W |
| 3871 | 4822 050 22201 | 220Ω 1% 0,6W |
| 3872 | 4822 051 10331 | 330Ω 2% 0,25W |
| 3873 | 4822 051 10271 | 270Ω 2% 0,25W |
| 3874 | 4822 051 10181 | 180Ω 2% 0,25W |
| 3890 ⁹ | 4822 051 10102 | 1k 2% 0,25W |
| 3890 ¹³ | 4822 051 10103 | 10k 2% 0,25W |
| 3890 ¹⁴ | 4822 051 10153 | 15k 2% 0,25W |
| 3890 ¹⁰ | 4822 051 10272 | 2k7 2% 0,25W |
| 3890 ¹¹ | 4822 051 10562 | 5k6 2% 0,25W |
| 3890 ¹² | 4822 051 10822 | 8k2 2% 0,25W |

Jumper

| | | |
|--------|----------------|--------|
| 4801.. | 4822 051 10008 | jumper |
| 4862 | | |



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|------|----------------|----------|
| 5800 | 4822 157 53302 | |
| 5801 | 4822 152 20677 | |
| 5834 | 4822 157 53001 | 27μH 10% |
| 5870 | 4822 157 51157 | 3,3μH |



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|------|----------------|----------|
| 6800 | 4822 130 82921 | LLZ-F3V9 |
| 6840 | 4822 130 80446 | LL4148 |
| 6850 | 4822 130 80446 | LL4148 |
| 6851 | 4822 130 80446 | LL4148 |
| 6852 | 4822 130 80446 | LL4148 |
| 6860 | 4822 130 80446 | LL4148 |
| 6870 | 4822 130 80905 | LLZ-F5V1 |
| 6871 | 4822 130 81227 | LLZ-F5V6 |



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|--------------------|----------------|----------------|
| 7800 | 4822 209 31214 | SAA5246P/E |
| 7800 ¹² | 4822 209 31215 | SAA5246P/H |
| 7810 | 4822 209 61805 | HY6264P-15 |
| 7810 ¹¹ | 4822 209 72681 | MSM5165AL-12RS |
| 7820 ¹² | 4822 209 30281 | PCF84C81A/097 |

TXT module

PIP module

| | | | | | | | |
|----------------------|----------------|---------------|-------------------|------------|------|----------------|---------------|
| 7820 ^{9,10} | 4822 209 31069 | PCF84C81A/098 | 4822 212 23605 | PIP module | 2410 | 4822 122 32862 | 10nF 80% 50V |
| 7820 ¹¹ | 4822 209 62479 | MAB8461/W196 | Connectors | | 2413 | 4822 122 31765 | 100pF 5% 50V |
| 7821 | 4822 130 61207 | BC848 | | | 2414 | 4822 122 32862 | 10nF 80% 50V |
| 7822 | 4822 130 61207 | BC848 | | | 2415 | 4822 122 31965 | 220pF 5% 63V |
| 7831 | 4822 130 42513 | BC858C | | | 2430 | 4822 122 32893 | 100nF 80% 50V |
| 7833 | 5322 130 42136 | BC848C | | | 2432 | 4822 122 32893 | 100nF 80% 50V |
| 7850 | 5322 130 42136 | BC848C | | | 2434 | 4822 122 32893 | 100nF 80% 50V |
| 7851 | 5322 130 42136 | BC848C | | | 2438 | 4822 121 42472 | 10nF 10% 50V |
| 7852 | 5322 130 42136 | BC848C | | | 2439 | 4822 121 41856 | 22nF 5% 250V |
| 7860 | 4822 130 61207 | BC848 | | | 2440 | 4822 122 31965 | 220pF 5% 63V |
| 7861 | 5322 130 60159 | BC846B | | | 2441 | 4822 122 31727 | 470pF 5% 63V |
| 7862 | 5322 130 42136 | BC848C | | | 2442 | 4822 124 40242 | 1µF 20% 63V |
| 7863 | 4822 130 61207 | BC848 | | | 2446 | 4822 122 32893 | 100nF 80% 50V |
| 7870 | 4822 130 41344 | BC337-40 | | | 2448 | 4822 122 32893 | 100nF 80% 50V |
| 7871 | 5322 130 42012 | BC858 | | | 2450 | 4822 122 32856 | 8,2nF 10% 63V |
| 7872 | 4822 130 41344 | BC337-40 | | | 2455 | 4822 122 31972 | 39pF 5% 50V |
| | | | | | 2459 | 4822 124 41997 | 470µF 10V |
| | | | | | 2466 | 4822 122 32893 | 100nF 80% 50V |
| | | | | | | | |
| | | | | | 2444 | 4822 051 10224 | 220k 2% 0,25W |
| | | | | | 3103 | 4822 051 10821 | 820Ω 2% 0,25W |
| | | | | | 3104 | 4822 051 10821 | 820Ω 2% 0,25W |
| | | | | | 3105 | 4822 051 10362 | 3k6 2% 0,25W |
| | | | | | 3106 | 4822 116 52233 | 10k 5% 0,5W |
| | | | | | 3107 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3108 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3155 | 4822 051 10391 | 390Ω 2% 0,25W |
| | | | | | 3156 | 4822 051 10122 | 1k2 2% 0,25W |
| | | | | | 3157 | 4822 100 11391 | 330Ω 30% LIN |
| | | | | | 3158 | 4822 051 10759 | 75Ω 2% 0,25W |
| | | | | | 3170 | 4822 051 10112 | 1k1 2% 0,25W |
| | | | | | 3175 | 4822 051 10621 | 620Ω 2% 0,25W |
| | | | | | 3196 | 4822 050 11002 | 1k 1% 0,4W |
| | | | | | 3200 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3201 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3202 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3211 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3212 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3214 | 4822 051 10102 | 1k 2% 0,25W |
| | | | | | 3220 | 4822 051 10512 | 5k1 2% 0,25W |
| | | | | | 3221 | 4822 116 52233 | 10k 5% 0,5W |
| | | | | | 3222 | 4822 051 10008 | jumper |
| | | | | | 3227 | 4822 116 52299 | 7k5 5% 0,5W |
| | | | | | 3228 | 4822 051 10472 | 4k7 2% 0,25W |
| | | | | | 3231 | 4822 051 10682 | 6k8 2% 0,25W |
| | | | | | 3232 | 4822 051 10229 | 22Ω 2% 0,25W |
| | | | | | 3233 | 4822 051 10471 | 470Ω 2% 0,25W |
| | | | | | 3234 | 4822 051 10361 | 360Ω 2% 0,25W |
| | | | | | 3235 | 4822 051 10122 | 1k2 2% 0,25W |
| | | | | | 3236 | 4822 051 10471 | 470Ω 2% 0,25W |
| | | | | | 3237 | 4822 051 10332 | 3k3 2% 0,25W |
| | | | | | 3238 | 4822 051 10333 | 33k 2% 0,25W |
| | | | | | 3239 | 4822 100 11319 | 4k7 30% LIN |
| | | | | | 3241 | 4822 051 10271 | 270Ω 2% 0,25W |
| | | | | | 3242 | 4822 050 11002 | 1k 1% 0,4W |
| | | | | | 3250 | 4822 051 10911 | 910Ω 2% 0,25W |
| | | | | | 3265 | 4822 051 10104 | 100k 2% 0,25W |
| | | | | | 3270 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3275 | 4822 051 10103 | 10k 2% 0,25W |
| | | | | | 3276 | 4822 051 10102 | 1k 2% 0,25W |
| | | | | | 3330 | 4822 051 20008 | 0Ω 5% 0,1W |
| | | | | | 3335 | 4822 051 10271 | 270Ω 2% 0,25W |
| | | | | | 3336 | 4822 051 10432 | 4k3 2% 0,25W |
| | | | | | 3337 | 4822 051 10122 | 1k2 2% 0,25W |
| | | | | | 3338 | 4822 051 10332 | 3k3 2% 0,25W |
| | | | | | 3340 | 4822 051 10202 | 2k 2% 0,25W |
| | | | | | 3341 | 4822 052 10229 | 22Ω 5% 0,33W |
| | | | | | 3345 | 4822 052 10229 | 22Ω 5% 0,33W |
| | | | | | 3353 | 4822 052 10568 | 5Ω 5% 0,33W |

PIP module

| | | |
|------|----------------|---------------|
| 3354 | 4822 051 10271 | 270Ω 2% 0,25W |
| 3390 | 4822 051 10151 | 150Ω 2% 0,25W |
| 3391 | 4822 051 10181 | 180Ω 2% 0,25W |
| 3394 | 4822 051 10151 | 150Ω 2% 0,25W |
| 3395 | 4822 051 10181 | 180Ω 2% 0,25W |
| 3398 | 4822 051 10151 | 150Ω 2% 0,25W |
| 3399 | 4822 051 10181 | 180Ω 2% 0,25W |
| 3404 | 4822 051 10431 | 430Ω 2% 0,25W |
| 3405 | 4822 051 10361 | 360Ω 2% 0,25W |
| 3410 | 4822 051 10391 | 390Ω 2% 0,25W |
| 3411 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3412 | 4822 051 10751 | 750Ω 2% 0,25W |
| 3414 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3416 | 4822 051 10182 | 1k8 2% 0,25W |
| 3434 | 4822 051 10473 | 47k 2% 0,25W |
| 3436 | 4822 051 10473 | 47k 2% 0,25W |
| 3437 | 4822 051 10101 | 100Ω 2% 0,25W |
| 3438 | 4822 051 10513 | 51k 2% 0,25W |
| 3440 | 4822 116 52222 | 390Ω 5% 0,5W |
| 3441 | 4822 051 10519 | 51Ω 2% 0,25W |
| 3442 | 4822 051 10919 | 91Ω 2% 0,25W |
| 3444 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3446 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3448 | 4822 051 10392 | 3k9 2% 0,25W |
| 3450 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3452 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3454 | 4822 051 10471 | 470Ω 2% 0,25W |
| 3460 | 4822 116 52231 | 820Ω 5% 0,5W |
| 3461 | 4822 116 52259 | 2k4 5% 0,5W |
| 3462 | 4822 051 10333 | 33k 2% 0,25W |
| 3463 | 4822 116 52299 | 7k5 5% 0,5W |
| 3464 | 4822 051 10472 | 4k7 2% 0,25W |
| 3470 | 4822 052 10108 | 1Ω 5% 0,33W |
| 3618 | 4822 052 10568 | 5Ω6 5% 0,33W |
| 3621 | 4822 051 10105 | 1M 5% 0,25W |
| 3997 | 4822 051 10339 | 33Ω 2% 0,25W |
| 3997 | 4822 051 10279 | 27Ω 2% 0,25W |

Jumper

| | | |
|--------|----------------|--------|
| 4001.. | 4822 051 10008 | jumper |
| 4415 | | |

| | | |
|------|----------------|-----------|
| 5118 | 4822 157 60435 | 10,3μH 6% |
| 5155 | 4822 157 60433 | 7,2μH 6% |
| 5157 | 4822 157 60434 | 9,4μH 6% |
| 5170 | 4822 157 60432 | 10,3μH |
| 5175 | 4822 157 60432 | 10,3μH |
| 5190 | 4822 157 60432 | 10,3μH |
| 5400 | 4822 157 50943 | 12μH 10% |
| 5402 | 4822 157 50943 | 12μH 10% |
| 5403 | 4822 157 52333 | 100μH 10% |
| 5406 | 4822 157 50943 | 12μH 10% |
| 5408 | 4822 157 50943 | 12μH 10% |
| 5410 | 4822 157 50943 | 12μH 10% |



| | | |
|------|----------------|----------|
| 6300 | 4822 130 80906 | LLZ-C7V5 |
|------|----------------|----------|



| | | |
|------|----------------|------------|
| 7103 | 5322 130 41982 | BC848B |
| 7105 | 5322 130 41982 | BC848B |
| 7125 | 4822 209 63927 | TDA4554/V1 |
| 7126 | 4822 209 30389 | TDA4510/V8 |
| 7200 | 5322 130 41982 | BC848B |
| 7210 | 5322 130 41982 | BC848B |
| 7233 | 5322 130 41983 | BC858B |
| 7234 | 5322 130 41982 | BC848B |
| 7335 | 5322 130 41982 | BC848B |
| 7337 | 5322 130 41982 | BC848B |
| 7338 | 5322 130 41982 | BC848B |
| 7350 | 4822 130 42616 | BC818-40 |

| | | |
|------|----------------|-------------|
| 7380 | 4822 209 60479 | TEA5114A |
| 7400 | 5322 130 41983 | BC858B |
| 7402 | 5322 130 41983 | BC858B |
| 7404 | 5322 130 41983 | BC858B |
| 7406 | 4822 209 62473 | SDA9087 |
| 7408 | 4822 209 63291 | SDA9088/2Ω |
| 7410 | 4822 209 63644 | SDA9086-3 |
| 7755 | 4822 209 72363 | TDA2579A/N8 |

Control module DAS

| | | |
|----|----------------|----------------|
| 17 | 4822 212 30036 | control module |
| 18 | 4822 212 30029 | control module |

Connectors

| | | |
|---|----------------|-----------|
| ▲ | 4822 265 30384 | mains K11 |
| ▲ | 4822 265 40596 | mains K25 |
| | 4822 264 40207 | 3p male |
| | 4822 265 30951 | 4p male |

Various

| | | |
|---|----------------|------------------|
| ▲ | 4822 276 12597 | Mains switch |
| | 4822 267 31014 | Headphone socket |
| | 4822 276 50354 | Switch assembly |
| | 4822 212 23667 | IR receiver |
| | | GP1U52YP |
| | 4822 209 72895 | LED TLUV5320 |
| | 4822 256 91766 | LED holder |

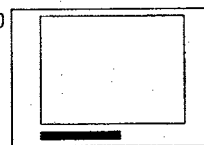


| | | |
|------|----------------|---------------|
| 2233 | 4822 121 43526 | 47nF 5% 100V |
| 2234 | 4822 121 43526 | 47nF 5% 100V |
| 2713 | 5322 124 21189 | 100μF 20% 40V |



| | | |
|--------------------|----------------|--------------|
| 3246 | 4822 116 52219 | 330Ω 5% 0,5W |
| 3247 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3248 | 4822 116 52219 | 330Ω 5% 0,5W |
| 3249 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3729 | 4822 116 52232 | 910Ω 5% 0,5W |
| 3730 | 4822 116 52215 | 220Ω 5% 0,5W |
| 3775 | 4822 116 52175 | 100Ω 5% 0,5W |
| 3776 ¹⁷ | 4822 116 52284 | 5K6 5% 0,5W |
| 3776 ¹⁸ | 4822 116 52289 | 27K 5% 0,5W |
| 3777 ¹⁷ | 4822 116 52289 | 27K 5% 0,5W |
| 3777 ¹⁸ | 4822 116 52284 | 5K6 5% 0,5W |
| 3778 ¹⁷ | 4822 116 52233 | 56K 5% 0,5W |
| 3778 ¹⁸ | 4822 116 52291 | 10K 5% 0,5W |
| 3779 ¹⁷ | 4822 116 52291 | 10K 5% 0,5W |
| 3779 ¹⁸ | 4822 116 52233 | 56K 5% 0,5W |

17)



18)

